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OHIO Industrial DIRECTORY

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BUCKEYE LISTING COMPANY

208 St. Clair Avenue, N.W.
CLEVELAND, OHIO

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FOREWORD

SENSING the real need for a practical work of this kind, the publishers have spared no pains or expense to make this Directory of the Metal Working Industries of Ohio as complete and comprehensive as possible, without being cumbersome.

To those interested in establishing a buying or selling contact with this field, it is designed to render a quality of service that is not to be duplicated by any other medium.

Its authenticity, combined with its conciseness and convenient manner of listing and classification, makes it unusually valuable to the busy man, either as a ready and reliable source of information, or as a time-saving and productive mailing list.

Appreciation of our efforts has been shown by a demand that has far exceeded our expectations. In turn we desire to express our thanks to the many Chambers of Commerce, throughout the State, whose whole-hearted co-operation is largely responsible for the accuracy and dependability of this Directory.

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Designed and produced to stand up under the most grilling tests, to satisfy the requirements for fine and highly accurate work Ampco Tools have established a reputation that we shall maintain. It is our pledge that Ampco Tools must live up to their guarantee always.

We want Ampco Tools to be their own best advertisements—our largest customers are companies that bought a few tools from us when their regular supply sources could not give them enough. Ampco Tools more than filled the gap and they have become large and, in some cases, exclusive users of Ampco Tools.

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SERVICE

QUALITY

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Index of Cities and Towns

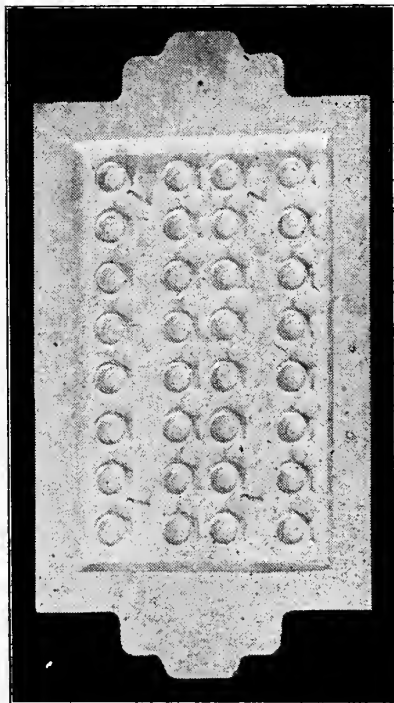
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(DRAG PLATE)



OUR FOUNDRY

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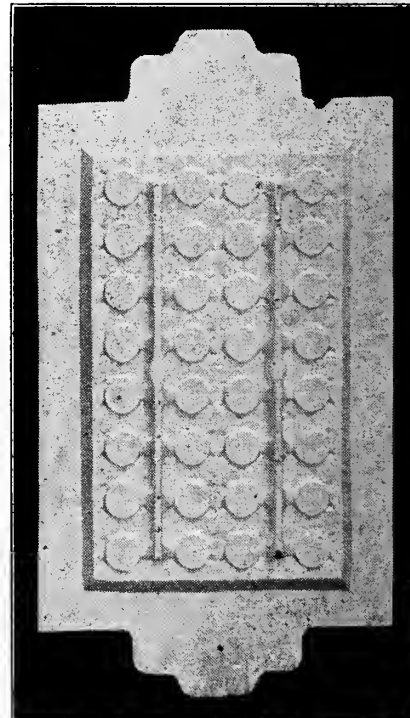
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are made with such accuracy that scarcely any labor is required on them.

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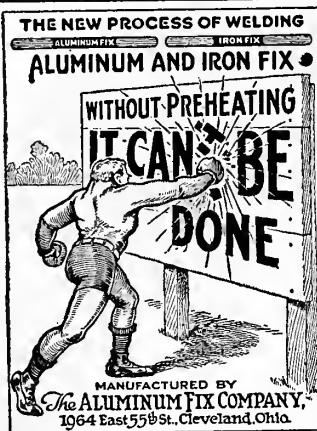
CLEVELAND, OHIO

Mention "OHIO INDUSTRIAL DIRECTORY" When Writing

Explanation of Symbols

Denoting Nature of Business

- A—Machinery, Machine Tools (Manufacturers).
B—Machinery, Machine Tools (Special) (Mfgs.).
C—Engines, (all kinds) Pumps, Tanks, Stacks, Boilers (Mfgs.-Repairers).
D—Metal Stampings, Metal Products, Galvanizing, Sherardizing, Enameled and Aluminum Ware (Mfgs.).
E—Automobiles, Automotive Equip. also Bodies, Frames, Radiators, Springs, Bumpers, Axles, Bearings (Mfgs.).
F—Patterns (either) also Pattern Shop Equip. (Mfgs.).
G—Mills (Iron, Steel, Aluminum, Brass, Copper, Pig Iron) Non-Ferrous Metals (Mfgs.).
H—Foundries (Brass, Bronze, Copper, Aluminum) Die-Castings, also Foundry Equipment (Mfgs.).
I—"Stock" Machinery, Machine Tools, Belting, Mill and Mine Supplies.
J—"No Stock", Machinery, Machine Tools, Belting, Mill and Mine Supplies.
K—Hardware and Specialties (Plumbers, Building, Steam, Oil, Gas) (Mfgs.).
L—Engineers (Consulting-Mechanical-Safety-Industrial-Production) also Exper.-Lab.
M—Forgings (all kinds) Upsetting, Pipe-Bending, Forming, Wrenches, etc. (Mfgs.).
N—Wire Mills, Wire Fabric Products, Fences, Nails, Tacks, Chaplets, Rivets (Mfgs.).
O—Heat Treatment of Metals, Case-Hardening, Carbonized Steel Products (Mfgs.).
P—Cranes (all kinds) Electric, Steam or Gas-Driven, Portable Buckets (Mfgs.).
Q—Meters (all kinds) (Manufacturers).
R—Electrical-Mchy., Motors, Electrical-Equip. (Mfgs.-Repairers).
S—Railway Supplies and Equip., Trans. Equip., Industrial and Mine Cars (Mfgs.).
T—Gears (all kinds) Transmissions, Differentials, Gear-Cutting (Mfgs.).
U—Screw Machine Products, Nuts, Washers, Bolts, Screws (Mfgs.).
V—Tractors, Trailers, Aeroplanes, also Equipment (Mfgs.).
W—Hydraulic Machinery and Equipment (Mfgs.).
X—Castings (Grey-Iron, Steel, Malleable) (Mfgs.).
Y—Transmission Mchy. and Equip. Line-Shafting-Equip., Belts, Clutches (Mfgs.).
Z—Elevators, Elevating and Conveying Mchy. Equip. for handling Ore, Coal, Ashes, also Stokers (Mfgs.).
AA—Grinding Equipment, Abrasive Products, Truing Tools (Mfgs.).
BB—Sales-Jobbers, District-Managers, Fcty.-Representatives (all lines).
CC—Hoisting Equipment (Elec., Hand, Air, Steam, Portable) (Mfgs.).
DD—Machine Work (Job, Contract or Production) Tools, Dies, Fixtures.
EE—Welding or Brazing (Job or Contract Work).
FF—Welding Machines (all kinds) Welding Equipment (Mfgs.).
GG—Barrels, Drums, Hoops (Steel) Boxes (all kinds), Tool Kits (Mfgs.).
HH—Chains, Chain-Products (all kinds), Sprockets (Mfgs.).
II—Machine Tools (small), Taps, Dies, Die-Stocks (Mfgs.).
JJ—Steel (Alloy, Cold-Rolled, High-Speed) Strips, Sheets, Bars, etc. (Mfgs.).
KK—Drills, Reamers, Cutters, Counterbores, High-Speed Tools, Drill Stands (Mfgs.).
LL—Steel Shafting, Heavy Forgings, Hollow Bored Shafting, Steel Tubing (Mfgs.).
MM—Saws, Knives, Edge Tools, Files, etc. (Mfgs.).
NN—Pumps (Hydraulic, Pneumatic, Oil, Rotary, Steam, Turbine, Vacuum) (Mfgs.).
OO—Pneumatic Tools, Portable Elec. Tools, Air-Compressors, Blowers (Mfgs.).
PP—Machinery, Machine Tools (all classes) New and Used.
QQ—Fcty. Equip., Partitions, Benches, Mch. Guards, Ex-Pipe and Vet. Equip., Galvanized Pro., Portable Bldgs. (Mfgs.).
RR—Farm Machinery, Tools, Implements, also Dairy Equipment (Mfgs.).
SS—Contractors Mchy., Road-Making Mchy., Cement Mixers, Sand Mchy. (Mfgs.).
TT—Ceramic Mchy. for manufacturing Refractories, Brick, Tile, Dishes, Glass-Pro., Porcelain-Pro. (Mfgs.).
UU—Belting (Leather and Fabric) Leather Products (Mfgs.-Reclaimers).
VV—Washing Machines, Drying Equipment, Laundry Equipment (Mfgs.).
WW—Punches, Presses, Shears, Steam and Drop Hammers, Plate Working Tools (Mfgs.).
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YY—Rubber Products, Tire, Tubes, Druggists and Sundries (Mfgs.).
ZZ—Structural and Ornamental Iron Fabricators, Bridges, Erectors.
AAA—Metallurgists, Manufacturing Chemists.
BBB—Furnaces, Heat-Treating (all kinds) also Heat Measuring Instruments (Mfgs.).
CCC—Fluxes, Flux Materials, Aluminum Iron and Metal Fixes (Mfgs.).
DDD—Systems, Time Recording, Process Timing, Signalling Instruments (Mfgs.).
EEE—Millwrights, Equipment Erectors, Movers, etc.
FFF—Instruments, Electric, Engineering, Dental, Surgical, Testing and Lab. Equip. (Mfgs.).
GGG—Stoves, Heaters (Oil, Gas, Electric) Stove Equipment, Restaurant Equipment (Mfgs.).
HHH—Oils (Lubricating, Fuel), Petroleum Products (Refiners-Distributors).
III—Registers (Coin, Fare, Autographic) (Mfgs.).
JJJ—Letter Work (Multigraphing, Addressing, Mailing) also Office Devices.
KKK—Scales, Weighing Devices (Mfgs.).
LLL—Electro-Platers, also Equipment and Supplies.
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| R | IMPERIAL ELECTRICAL CO., THE Jno. Hearty, Pres.-G. M.; K. Ross, V. P.-Supt.; C. S. McQueeney, Secty.-P. A.; Ben H. Logan, Ch. Engr.; M. Berthold, Elect. Engr.-Supt. | Ira Ave. |
| B-H-X-DD | INDIA MACH. & RUBBER MOLD CO., THE Walter Wenk, Pres.; Geo. W. Williams, Gen. Supt. | Cor. Hill & Forge Sts. |
| E-V-C-RR | INTERNATIONAL HARVESTER CO., THE J. J. Rodgers, Gen. Wks. Mgr.; Geo. E. Smith, Secy. to Wks. Mgr.; H. E. Derr, Local Ch. Engr.; W. H. Edgar, Gen. Pur. Agt. (Chicago, Ill.); G. C. Morgan, Supt.-Pur. (Local); Chas. Bevington, Asst. Fcty. Mgr. | 113 Center St. |
| H-X | KNAPP, JOHN SONS FDRY. CO. A. W. Knapp, Pres.; Jno. Knapp, S. T.-P. A.; Chas. Knapp, Supt. | Sweitzer & Steiner Aves. |
| B-H-X-DD | KUHLKE MACH. CO. M. D. Kuhlke, Prop.-G. M.-P. A. | 45-58 W. Exch St. |
| C | McNEIL BOILER CO., THE Benj. Campbell, Pres.-G. M.-P. A.; C. W. Berry, S. T.; C. Riddle, Supt. | Cor. Crosier & Sweitzer Aves. |
| B-H-X-DD | MECHANICAL MOLD & MACH. CO., THE A. I. Kittinger, Pres.-G. M.; H. A. Tham, Treas.; Geo. C. Koch, Supt.; H. M. Haas, P. A. | 25 E. Crosier Ave. |
| C-EE-DD | MIAMI BOILER & MCH. CO. Chas. Leonard, G. M.-Supt. | 816 Miami St. |
| BB-I-K | MILL & MINE SUPPLY CO., THE W. W. Sharp, Pres.-G. M.; Fred Good, P. A.; H. Letcher, Mgr. (Plumb. Dept.). | 211-15 S. Broadway St. |
| YY | MILLER RUBBER CO., THE Jacob Pfeiffer, Pres.; W. F. Pfeiffer, V. P.-Gen. Mgr. S. T.; A. P. Lewis, Ch. Engr.; W. C. McConnell, Gen. P. A.; G. W. Bulley, Conslt. Eng.; R. P. Griffith, Supt. | 1247-69 High St. |
| DD-II | NITZ & DARKOW C. P. Nitz, L. C. Darkow, Props. | 70 E. Miller Ave. |

AKRON, SUMMIT COUNTY, OHIO

| Class | Firm and Personnel | Address |
|--------------------|--|---|
| DD-II | NYE H. MACH. CO. Harry Nye, Pres.-G. M.-Supt. | 905 Miami St. |
| N | OHIO WIRE GOODS MFG. CO., THE C. W. McLaughlin, Pres.; Christ Franz, V. P.-G. M.; G. F. Faber, Supt. | 964 Hazel Aye. |
| ZZ-N | ORNAMENTAL IRON WKS. CO., THE A. J. Becker, V. P.; Fred Zindel, Gen. Mgr.; W. A. Boesche, Secy.-P. A.; Andrew Neidert, Supt. | 929-39 Sweitzer Ave. |
| | PALMER MATCH CO., THE C. H. Palmer, Pres.; W. N. Palmer, V. P.; Thomas A. Palmer, S. T.; John Denemead, Ch. Engr. | Metropolitan Bldg. (Genl. Offices) |
| BB-I-PP-K-NN OO | PATTISON, W. M. SUPPLY CO., THE V. A. Schiller, Local Sales Mgr. | Hamilton, Bldg. (M. O. Cleveland, O.) |
| DD-II | PFAHL GAUGE & MFG. CO., THE Fred L. Pfahl, Prop.-Supt. | 85-87 E. Voris St. |
| YY | PHILADELPHIA RUBBER WKS. CO., THE (Alkali Division) J. S. Lowman, V. P.; H. G. Day, Gen. Eng.; D. A. Metzler, Supt.; C. Miller, P. A.; Jos. B. Frey, M. M. | 123 Bartges Ave. |
| YY | PHOENIX RUBBER CO. Theo. Krumeich, Pres.; F. R. Ormsby, V. P.; S. G. Rigdon, S. G. M.-P. A.; H. A. Krumeich, Gen. Supt. | Wigley Ave. |
| DD-B-II-L | PORTAGE MACH. & ENGR. CO. M. M. Mathews, Pres.; Jno. Cimarick, S. T.; Geo. Cimarick, G. M.-Supt.-P. A. | 99 Steiner Ave. |
| II-DD | SACKMANN MFG. CO. Information withheld | 35 Bowery St. |
| DD-T-EE-II | SOUTH END MACHINE CO., THE A. A. Replogle, Supt. | 96 E. Miller Ave. |
| | STANDARD PUMP & ENGINE CO., THE | 730 Carroll St. (See Adamson Mach. Co.) |
| C-A-B-C | STAR DRILLING MACH. CO., THE D. B. Duff, Pres.; W. M. Dabney, V. P.; J. M. Bashline, Secty.-Asst. Treas.-G. M.; J. P. Sapp, Ch. Eng.; J. E. Craig, Supt. | 475 Washington St. |
| YY | STAR RUBBER CO., THE | 1025 Sweitzer Ave. |
| YY | L. H. Firey, Pres.-G. M.; J. A. Christie, Supt.; J. W. Dessecker, P. A. | |
| F-X-H | STATE FDRY. & PATTERN CO., THE Robt. Hinman, Supt. | 88 Elinora Ave. |
| DD-EE | SUMMIT MOLD & MACH. CO., THE J. G. Chalfant, Pres.-G. M.-P. A.; S. R. Gates, Supt. | Crosier Ave. |
| YY | SWINEHART TIRE & RUBBER CO., THE T. F. Walsh, Pres.-G. M.; S. B. Neal, Gen. Supt.; M. D. Tremelin, Ch. Engr.; G. D. Sullivan, P. A. | Howard & North Sts. |
| GGG-TT-QQ | TAPLIN-RICE-CLERKIN CO., THE Wm. Clerkin, Pres.-G. M.; R. W. Sethman, Mch. F. | 177 S. Bdway St. |
| B-P-X-W-Z-CC | WELLMAN-SEEVER-MORGAN- CO., THE John Riise, Gen. Mgr.; E. K. Allen, Pur. Agt.; Andy Fegancher, Supt. | S. Akron (M. O. Cleveland) |
| KK | WHITMAN & BARNES MFG. CO., THE W. H. Eager, V. P.-G. M.; Carl Soderlund, Ch. Engr.; Geo. Hine, Fcty. Supt.; J. S. Coulter, P. A. | 114 E. Buchtel Ave. |
| B-DD-II | WILDEY MACH. & MFG. CO., THE Carl Wildey, Prop.-Supt.-P. A. | 764 Miami St. |
| B-Y-H-X-DD | WILLIAMS FDRY. & MACH. CO., THE F. E. Holcomb, Pres.-G. M.; Wm. J. Slater, S. T.; C. E. Walters, Ch. Engr.; J. Flynn, Supt.; O. L. Morgan, P. A. | 50-66 Cherry St. |
| QQ-GGG | WISE FURNACE CO., THE J. W. Myers, Pres.; W. G. Wise, V. P.-Gen. P. A.; C. Morgan, Treas.; D. C. Siegfried, Secy.; Atlee Wise, Supt. | 98 Lincoln Ave. |
| QQ-GGG | X-X CENTURY HEATING & VENTILATING CO., THE Jno. Kerch, Pres.-G. M.; Geo. Maag, V. P.; P. T. McGuckian, Secy.-P. A.; Wm. A. Garver, Supt.-Treas. | Heintz & Ira Aves. |

ALLIANCE, STARK COUNTY, OHIO

| Class | Firm and Personnel | Address |
|---------------|--|-----------------------------|
| H-X | ALLIANCE BRASS & BRONZE CO., THE Robt. Hopkins, Pres.-G. M.; Nora Hopkins, V. P.; A. L. Shaw, Secy.-Treas.-P. A. | 201 Hartzell St. |
| P-B-R-ZZ-CC | ALLIANCE MACH. CO., THE W. H. Purcell, Pres.; W. J. Fennerty, V. P.; M. S. Milbourn, Sec.-Treas.; Chas. Williamson, Asst. Supt.; Jno. Mathewson, Supt.; G. G. King, P. A. | 1049 S. Mahoning Road. |
| F | ALLIANCE PATTERN WKS. Oliver Linton, G. M.-P. A.; Alfred Tilley, Supt. | Freedom St. |
| ZZ | ALLIANCE STRUCTURAL CO., THE G. W. Shem, Pres.; G. C. Garlow, V. P.; G. G. King, Secty. P. A.; M. S. Milbourn, Treas.; E. Ramsey, Gen. Supt. | E. Auld St. |
| G-H-X | AMERICAN STEEL FOUNDRIES A. Robertson, G. M.-P. A. | 1000 Broadway St. |
| E | BUCKEYE JACK MFG. CO., THE O. F. Transue, Pres.; Frank Transue, V. P.; E. C. Bates, Treas.-G. M.-P. A.; C. J. Bates, Supt. | W. Gaskill & C. & P. R. R. |
| KK | BUCKEYE TWIST DRILL CO., THE O. F. Transue, Pres.; W. H. Purcell, V. P.; F. E. Dussell, Treas.; A. A. Mulac, G. M.; R. H. Cunningham, Supt.; J. G. Eck, Engr.; J. F. Meyers, M. M. | W. Ely St. |
| RR-B | CLEVE. IMPLEMENT CO., THE F. D. Moody, G. M. | W. Gaskill St. |
| BBB | ELECT. FURNACE CO., THE T. F. Baily, V. P.; E. G. Ernst, Treas.-Gen. Mgr.; F. T. Cope, Ch. Engr.; J. P. Conway, P. A.; G. P. Lozier, Supt. | 503-508 Alliance Bnk. Bldg. |
| III | McCASKEY REGISTER CO., THE E. A. Langenbach, Pres.; O. F. Transue, V. P.; F. E. Henry, Secy.-Treas.-P. A.; W. E. Dunning, Wks. Mgr. | Rush St. |
| H-X-DD | MACHINED STEEL CASTINGS CO., THE W. H. Purcell, Pres.; W. E. Trump, 1st V. P.-Gen. Mgr.; H. Y. Stuckey, Secy.; J. B. Freer, Treas. P. A.; R. H. Donaldson, Gen. Supt. | So. Mahoning Road. |
| P-CC-ZZ-B-R-L | MORGAN ENGR. CO. Col. W. H. Morgan, Pres.; W. H. Ramsey, Secy.; N. C. Fethers, Asst. to Pres.; T. D. Russell, Treas.; J. H. Anderson, Gen. Mgr.; C. L. Taylor, Ch. Engr.; T. T. Buchanan, Pur. Agt. | Penn R. R. |
| G-JJ-H-X-DD-C | REEVES BROS CO. A. G. Reeves, Pres.; J. A. Reeves, V. P.; A. A. Reeves, Treas.; H. L. Walthour, Secy.; G. H. Newton, Supt. | 338 Rush St. |
| D-M | TRANSUE & WILLIAMS STEEL FORGING CORP. O. F. Transue, Pres.; Frank Transue, V. P.-Gen. Mgr.; F. E. Dussell, Secy.-Treas.-P. A.; C. R. Transue, Supt. | W. Ely Rd. |
| A-B-AA-E | WOODS ENGINEERING CO., THE F. C. Woods, Pres.; F. A. Hobbs, Gen. Mgr.-Supt.-P. A. | 108 E. Patterson St. |

AMHERST, LORAIN COUNTY, OHIO

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| U | U. S. AUTOMATIC CO., THE W. H. Schibley, Pres.; A. J. Uthe, V. P.-G. M.-P. A.; A. G. Menz, Sec.-Treas.; J. T. Annas, Sales Mgr. | |
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ARCHBOLD, FULTON COUNTY, OHIO

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| D-K-H-X | ACME LEVEL & MFG. CO., THE C. W. Waldvogel, Pres.-G. M.-Ch. Engr. Fcty. Mgr.; Adam Schrank, Vice Pres.; John T. Newton, Secty.-P. A.-Sales; A. J. Stamm, Treas. | |
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ASHLAND, ASHLAND COUNTY, OHIO

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| H-X | ASHLAND BRASS FOUNDRY. Information withheld. | |
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THE MOTT & MERRYWEATHER MACHINERY CO.

Cleveland
Cincinnati
Detroit
Pittsburgh

ASHLAND, ASHLAND COUNUY, OHIO

| Class | Firm and Personnel | Address |
|------------|---|----------------|
| M-T-X-DD-E | ASHLAND MFG. CO., THE. Information withheld. | |
| M-T-X-DD-E | ELITE MFG. CO. P. E. Countryman, P. A. (Partner); E. L. Kilhefner (Partner); J. H. Burkholder (Partner). | |
| YY | FAULTLESS RUBBER CO., THE. T. W. Miller, Pres. Treas.; P. A. Myers, V. P.; C. D. Hubler, V. P.; W. H. Balch, V. P.; I. L. Miller, Secty.-P. A.; E. F. Miller, Gen. & Fcty. Mgr.; A. Needham, Ch. Engr. | |
| DD | HUNTER, JAS. S. James S. Hunter, Prop. | |
| NN-RR | MEYERS, F. E. & BROS. CO., THE. F. E. Myers, Pres.; P. A. Myers, V. P.; F. E. Kellogg, S. T.; E. A. McDowell, P. A. | |
| D-L-X-K | TOPPING MFG. CO., THE. W. V. B. Topping, Pres.; R. R. Leeds, V. P.; Geo. M. Bear, Secy.-Treas.-P. A. | 246 E. 4th St. |

ASHTABULA, ASHTABULA COUNTY, OHIO

| | | |
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| D-RR | AMERICAN FORK & HOE CO., THE | (See Cleveland, Ohio) |
| D-E | ASHTABULA BOW SOCKET CO. R. H. Pfaff, Pres.; Charles Pfaff, V. P.; F. K. Lewis, Secy.-Treas.-Fcty. Mgr.; G. B. Hill, P. A. | Cor. Prosp. & Ann Sts. |
| GG | ASHTABULA CORRUGATED BOX CO., THE G. C. Hubbard, Pres.-Treas.; Burritt S. Hubbard, Secy. G. M. Fcty. Mgr. P. A.; Geo. C. Hubbard, Jr., Prod. Mgr. Asst. P. A.; D. F. Armstrong, Gen. Supt.; E. P. Sherman, Sales Mgr. | 66 Ann St. |
| G-JJ | ASHTABULA STEEL CO., THE. Robert Lock, Pres. Gen. Mgr.; T. J. Rinnick, Secy.; H. M. Kunkle, Treas.; W. J. Kunkle, P. A.; E. H. Werner, Ch. Engr. | |
| | BARBER MFG. CO. J. B. Barber, Prop.; O. L. Skinner, P. A. | |
| A-M-X | McKINNON IRON WKS., THE. J. O. McKinnon, Pres.; H. S. McKinnon, V. P.; H. A. McKinnon, S. T.-G. M.-P. A.; E. W. Corcoran, Gen. Supt. | |
| WW-B-H-X- | PHOENIX FDRY. & MACH. CO., THE. Samuel Sweedenburg, Prop.-P. A. | |
| DD | SOUTH PARK AUTO MACH. SHOP. D. B. Vantassel, Prop. | |

ATHENS, ATHENS COUNTY, OHIO

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| H-X-DD | ATHENS FDY. & MCH. CO. Information withheld. |
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BARBERTON, SUMMIT COUNTY, OHIO

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| C | BABCOCK & WILCOX CO., THE C. R. Sadler, Gen. Supt.; L. I. Langvandt, Asst. Supt.-Ch. Engr.; J. C. Frank, P. A. | |
| H-X | BARBERTON FDRY CO., THE Jas. A. Lanigan, V. P.-G. M.-P. A. | Huston St. |
| B-DD | DIAMOND MATCH CO., THE (MCH. DIV.). J. M. Willard, Gen. Supt.-Mgr.; V. A. Johnson, P. A. | |
| YY | ELECT. RUBBER RECLAIMING CO. J. S. Benner, Secty.-G. M.; F. W. Albrecht, Treas.; R. J. Sanderson, Supt. | |
| H-X-DD | FRANZ FDRY. & MACH. CO., THE. Christian Franz, Pres.; C. W. Franz, V. P.; J. A. Brittain, Secty.; W. H. Parry, Treas. | |

HIGH CLASS EMPLOYMENT SERVICE FOR
Who? Est. 1906 **INTERSTATE BUSINESS EXCHANGE** Est. 1906
MAIN 3629 658 ROSE BUILDING CLEVELAND Executives, Engineers,
Draftsmen, Salesmen,
Office Men and Women

BARBERTON, SUMMIT COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-------|---|------------------------------|
| XX-R | OHIO INSULATOR WKS. A. O. Austin, Ch. Engr.-G. M.; C. H. Meacham, Office Mgr.-P. A. | |
| AAA | PITTSBURG PLATE GLASS (COLUMBIA CHAMICAL DIV.) H. A. Galt, V. P.-G. M.; A. W. Sample, Ch. Engr.; R. G. Ingram, P. A.; G. L. Huston, Supt. | M. O. Pittsburg, Pa.) |
| H-X-K | PITTSBURGH VALVE & FITTING CO., THE E. E. Billings, Gen. Supt.; W. A. Walker, Asst. Supt.; Albert Gartrell, P. A.; J. Corey, Ch. Engr. | Newell St. |
| H-X | PORTAGE FOUNDRY CO., THE W. E. Wilson, Pres.; S. W. Harris, V. P.; L. W. Hopkins, Secy.-Treas.-P. A. | Huston St. |
| YY | RUBBER PRODUCTS CO., THE Wm. A. Johnston, Pres.; C. C. Schultz, G. M.; Ray Miller, P. A. | |
| H-X | SEMI-STEEL FDRY. CO., THE Herman Peterson, Pres.; August Schmidt, V. P.; C. M. Tyler, Sec.-Treas.; G. A. Schwarz, Supt. | |
| | VULTEX CO., THE | (See Elect. Rubber Reclaim.) |

BARNESVILLE, BELMONT COUNTY, OHIO

| | | |
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| S-H-X | WATT MINING CAR WHEEL CO., THE J. W. Watt, Pres.-Treas.; P. H. Laughlin, Secy.-Gen. Mgr.; C. W. Watt, Ch. Engr.; H. H. Watt, Gen. Supt.; J. W. Ellis, Master Mech.; E. B. Watt, P. A.; W. C. Wilson, Sales Mgr. | |
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BATAVIA, CLERMONT COUNTY, OHIO

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| H-X | BATAVIA FOUNDRY COMPANY. G. R. Wilke, Prop. | |
| Y | CARROLL, L. W. MFG. CO. L. W. Carroll, Prop. | |
| A-B | CARROLL JAMIESON MCH. TOOL CO., THE. Information withheld. | |
| H-X | GELHAUSER BRASS FDY. CO. Information withheld. | |

BEACH CITY, STARK COUNTY, OHIO

| | | |
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| G-JJ | MOTORS SHEET STEEL CO., THE. J. E. Montgomery, Pres.; H. Hildenbiddle, V. Pres.; C. E. Freeland, Secy.-Treas.-G. M.-P. A.; J. M. Rodgers, Sales Mgr. | |
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BEDFORD, CUYAHOGA COUNTY, OHIO

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| XX | BEDFORD CHINA CO. THE. Harry Bailey, Pres.-G. M.-P. A.; A. M. Walker, V. P.; Geo. Williams, Secty.; Wm. Dunbar, Treas.; A. H. Podwell, Gen. Supt. | Stop 24 |
| H-X | BEST FOUNDRY CO., THE. (AMER. STOVE CO.) Henry Moulder, G. M.-P. A.; S. J. Fromont, P. A.; Thos. Schumacher, Gen. Supt. | Stop 28. |
| H-X-K | HOLMES BRONZE FDRY. CO., THE R. F. Huber, Pres.; R. E. Fleming, V. P.-G. M.; Edw. H. Peck, Secty.-Prod. Mgr.-P. A. Sales Mgr.; J. H. Mills, Treas.; Jno. G. Wardley, Gen. Supt. | 566 Main St. |
| P-B-R-CC-ZZ | McMYLER INTERSTATE CO., THE. R. W. Kaltenbach, Pres.-G. M.; Justin Griess, V. P.-Sales Mgr.; F. W. Lovell, Secty.; H. H. Hammond, Treas.; R. W. Crist, Ch. Engr.; L. E. Gulliford, Prod. Mgr.; E. F. Hammond, P. A.; L. M. Rhodes, Gen. Supt.; A. Fronek, M. M. | |

SAVE THRU' EMPIRE MACHINERY SERVICE

THE EMPIRE MACHINERY EXCHANGE CO.

517-519 Newman-Stern Bldg., CLEVELAND, O.

BELLAIRE, BELMONT COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-------|---|----------------------------------|
| D | AMERICAN STAMPING & ENAM. CO., THE. M. R. Bissell, Wks. Mgr.; C. A. Blackburn, Supt. | |
| DD | BELLAIRE ENGINEERING & MCH. CO. Information withheld. | |
| F | BELLAIRE PATTERN CO. Information withheld. | |
| GGG | BELLAIRE STOVE CO., THE. H. Roemer, Pres. (Milwaukee, Wis.); L. E. Leach, Secy.; R. Johnson, Treas. | |
| XX | BELMONT TUMBLER CO. Harry A. Neff, Pres.; Jas. W. Stewart, V. P.; R. C. Faris, Secy.-Treas.-P. A. Sales Mgr.; H. E. Turner, Gen. Supt.-Asst. -P. A. | 27 Water St. |
| G-JJ | CARNEGIE STEEL CO. W. C. Carnahan, Wks. Mgr. | (Genl. Offices, Pittsburg, Pa.). |
| H-X | DORER, C. L. FOUNDRY CO. Information withheld. | |

BELLEFONTAINE, LOGAN COUNTY, OHIO

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| H-X-K | ATLAS BRASS CO. W. J. Senblin, Mgr.-Pur. Agt. |
| DD | CLINGERMAN MACHINE CO. B. Clingerman, Prop. |
| D-GG | KAUFFMAN MACHINE CO. W. Metz, Supt.-Pur. Agt. |

BELLEVUE, HURON COUNTY, OHIO

| | |
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| GGG-E | BELLEVUE MFG. CO., THE. F. A. Knapp, Pres.-Treas.; J. L. Miller, V. Pres.-Fcty. Mgr.; J. F. Martin, Secy.-G. M.-P. A. |
| R | CARBALLOY PRO. CO., THE. Information withheld. |
| E | COLLIER MOTOR TRUCK CO., THE. Information withheld. |
| ZZ | KLEIN STRUCTURAL STEEL CO., THE. C. P. Klein, Pres.-G. M.-P. A.; W. L. Willing, V. P.; C. W. Burk, Secy.-Treas.; A. C. Yingling, Asst. Secty.-P. A.; F. L. Hiss, Ch. Engr.; F. W. Hager, Fcty. Mgr.-Supt.; L. H. Burr, Sales Mgr. |
| RR | OHIO CULTIVATOR CO., THE. H. C. Stahl, Pres.-Treas.; D. Seltzer, V. P.-G. M.; E. A. Kemp, Secty.; R. H. Griffiths, Ch. Engr.; W. C. Transue, P. A.; B. Rollman, Prod.-Gen. Supt.; E. J. Moyer, M. M.; D. B. Mortley, Sales Mgr. |

BELLVILLE, RICHLAND COUNTY, OHIO

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| H.X.DD | BEMILLER FOUNDRY & MACHINE CO., THE. L. M. Garber, Pres.; D. J. Bemiller, V. P.-G. M.-Fcty. Mgr.; Lisle M. Gable, S. T.-P. A. |
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BEREA, CUYAHOGA COUNTY, OHIO

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| RR-H-X | DUNHAM COMPANY, THE. W. J. Dunham, Pres.; J. R. Dunham, V. P.-Fcty. Mgr.-Supt.; H. D. Mattison, Secty.; R. E. Dunham, Treas.-G. M.; H. D. Guy, P. A.; R. M. Krause, Ch. Engr.; F. R. Weddell, Prod. Mgr. |
| E | LIBERTY METAL PRODUCTS CO., THE. Roscoe Bean, Prop. |
| L-DD-B | MATTHEWS, JOHN G. John G. Matthews, Prop. |
| U | OHIO NUT & BOLT CO., THE. H. G. Wilkinson, Pres. Secy. G. M.; R. J. Whelan, P. A.-Engr.; John Skavage, Supt. |

OHIO
SALES
OFFICE



MORSE



DRIVES



ENGINEERS
BUILDING
CLEVELAND

BIG PRAIRIE, HOLMES COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| R-K | MONITOR SAD IRON CO., THE. Information withheld. | |

BLANCHESTER, CLINTON COUNTY, OHIO

| | | |
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| NN | FULFLO PUMP CO., THE. Information withheld. | |
| DD | REEVES, W. W. W. W. Reeves, Prop. | |

BLUFFTON, ALLEN COUNTY, OHIO

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| RR | BLUFFTON MFG. CO., THE. A. D. Lugibihl, Pres.; J. E. Lugibihl, V. Pres.; H. D. Zehrbach, Secy.-Treas.-Gen. Mgr. | |
| B-MM | BLUFFTON SLAW CUTTER CO. John Fett, Pres.; Clair Fett, Secy.-Pur. Agent; S. L. Kimmell, Fcty. Mgr. | |
| D-Q | DILLER MFG. CO., THE. W. E. Diller, Pres.; P. L. Triplett, Secy. Trea. P. A.; Hector Kibele, Fcty. Mgr. | |
| DD-II | SCOTT & EWING COMPANY. Frank Scott, Pres.-Gen. Mgr.-P. A.; E. R. Ewing, Secy. | |

BOWLING GREEN, WOOD COUNTY, OHIO

| | | |
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| DD-E | ANDERSON PISTON CO., THE. H. H. Elwood, Pres.; L. J. Lisemer, V. Pres.; Chas. S. Hatfield, Secy.; John H. Lincoln, Treas.; C. H. Kirby, Ch. Engr.-Sales Mgr.; C. C. Anderson, Gen. Supt. | 110 N. Main St. |
| DD-II | BOWLING GREEN DIE & TOOL CO., THE. Information withheld. | |
| EE | BOWLING GREEN WELDING CO. Information withheld. | |
| E | STEWART MOTOR CAR CO., THE. Information withheld. | |
| RR | THORNBURGH MFG. CO., THE. H. C. Babcock, Pres.-Treas. | |
| A-B-E-M-Y | UNIVERSAL MACHINE CO. J. W. Urschel, Pres.; Robt. Place, V. P.; C. Urschel, Secty.; B. H. Urschel, Treas. G. M.; L. Boyd, Ch. Engr.; G. F. Gomersall, P. A.; C. E. Gebert, Fcty. Mgr. | |
| C | WERNER MFG. CO., THE. Information withheld. | |

BRADNER, WOOD COUNTY, OHIO

| | | |
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| B | IRON KING MFG. CO., THE. N. F. Bell, Pres.; E. T. Mason, V. P.; C. H. Kortier, Secy.-Treas.-G. M.-P. A.; Frank Bryan, Fcty. Mgr. | |
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BREMEN, FAIRFIELD COUNTY, OHIO

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| D | BREMEN METAL STAMPING CO., THE. Information withheld. | |
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BREWSTER, STARK COUNTY, OHIO

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| S | WHEELING & LAKE ERIE SHOPS. J. F. Hill, Supt. Motive Power. | |
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BRIDGEPORT, BELMONT COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| DD | WILCOX MACHINE COMPANY. Information withheld. | |

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| K | BRYAN MFG. CO., THE. W. H. Lane, Pres.; M. V. Garver, S. T.-G. M.-P. A. | |
| F-DD-II-B | BRYAN PATTERN & MCH. CO., THE. E. C. Hagener, Pres.; C. L. Newcomer, Secy.; George F. Solier, Treas.; L. M. MacDonald, Gen. Mgr. | |
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| VV | DELITE MFG. CO., THE E. C. Carroll, Pres.-Gen. Mgr.-Pur. Agt.; A. L. Gebhard, Secy.; N. W. Carroll, Treas. | 228 W. High St. |
| NN | FOLK, S. E. & CO. S. E. Folk, Prop. | |
| D | OHIO ART COMPANY. Henry S. Winzeler, Prop. | |

BUCYRUS, CRAWFORD COUNTY, OHIO

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| A-B-DD-H-X | CARROLL FDY. & MCH. CO. Information withheld. | |
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RUST

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One of the biggest problems in the metal trades is the elimination of corrosion.

It is a well-known fact that it is bad policy to paint over rust.

If the rust is not removed, the paint scales off in a short time, on account of rusting or oxidation continuing under the paint.

This refers also to other finishes such as enameling, japanning, etc.

The scraping method of rust removing is not only difficult but is ineffective as well, in that by this method, it is impossible to reach the fissures of the metal, where the rust has penetrated.

Scientifically rust is termed an "accelerator," meaning rust begets more rust.

Any substance that retards or stops the rusting process is termed an "inhibitive."

A chemical compound has been found, which inhibits instead of accelerates rust.

This compound is produced by RUST-I-CIDE.

"The rust is changed—it is no longer rust."

RUST-I-CIDE

Its Definition:

RUST-I-CIDE is a liquid preparation, applied to rusty iron or steel articles or surfaces to destroy rust and to form a coating for the prevention of rust.

Its Constituents:

RUST-I-CIDE is an active chemical—not an oil. While oil is an aid in detaching rust, it cannot chemically attack and destroy rust.

Its Application:

RUST-I-CIDE is applied to the rusty surface with brush, cloth or by the dipping process.

Its Results:

RUST-I-CIDE chemically kills rust—the rust disappears and a hard, rust-preventing coating takes its place, that can safely be covered with paint or enamel.

Its Safeness:

RUST-I-CIDE is safe and easy to handle. It is non-poisonous, non-burnable, therefore non-inflammable, and will not hurt the hands.

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| F | KIRCHER PATTERN CO. J. Kircher, Prop. | 3089 Colerain Ave. |
| QQ | KIRK & BLUM MFG. CO. S. W. Kirk, Pres.; R. J. Blum, V. P.-Treas.-P. A.; | 2850 Spring Grove Ave. |
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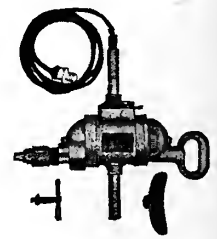
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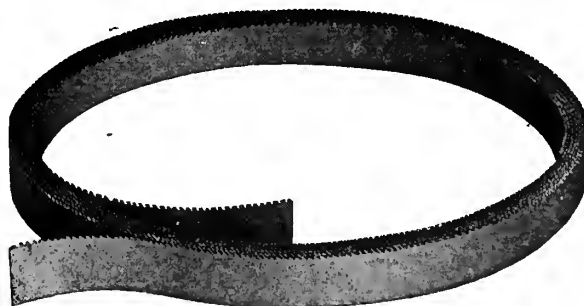


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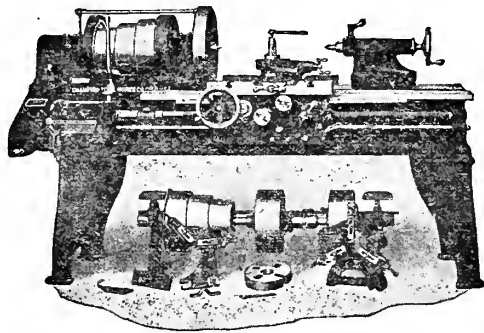
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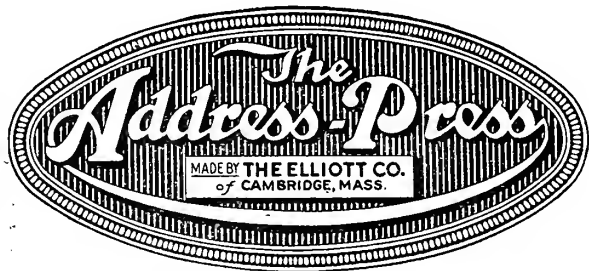
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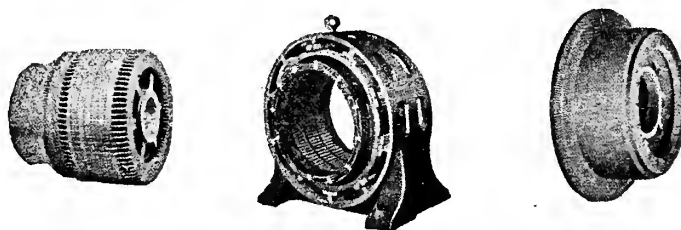
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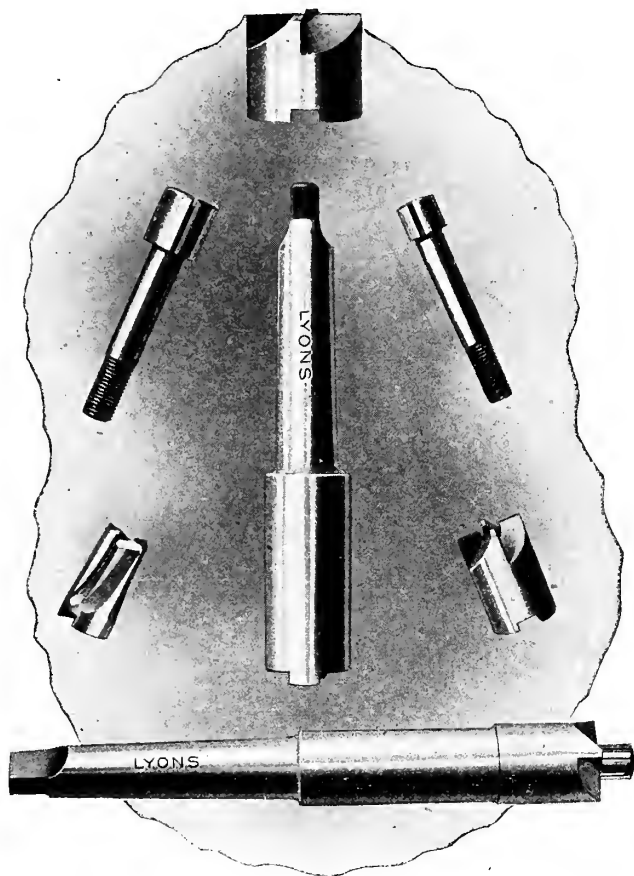
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| B-DD-II | CLEVELAND SPECIAL MACHINERY CO., THE J. T. Harvey, Pres.-G. M.; Jas. E. Terry, Secty.; H. E. Schuler, Treas.-P. A. | 118 Noble Ct. |
| D | CLEVELAND STAMPING & TOOL CO., THE F. W. Judd, Pres.-G. M. Supt.; C. H. Coit, Secty. | E. 53rd & Hamilton Ave. |
| K | CLEVELAND STEAM GAUGE CO. Geo. J. Ruff, Gen. Mgr.-Pur. Agt. | 1100 West 9th St. |
| G-JJ | CLEVELAND STEEL CO., THE Jas. C. Jones, Pres.; A. C. Baker, Asst. to Pres.; Walter S. Bowler, V. P. J. V. Cowling, Secty.; F. W. Throssell, Treas.; H. W. Christman, P. A. C. H. Kaufman, Gen. Supt. (Wks.) | Main Office Kirby Bldg. (Wks. E. 38th Street) |
| GG | CLEVELAND STEEL BARREL CO., THE J. M. Finney, Pres.-G. M.; A. Schroeder, V. P.-Fcty. Mgr.-Engr.; Charles Stiles, P. A.; H. F. Courtright, Supt. | 9612 Meech Ave. |
| H-X | CLEVELAND STEEL CASTING CO. Geo. Balkwell, Prop.-Pur. Agt.; Stephen Balkwell, Prop. | Hubbard Ave. & E. 69 |
| KK | CLEVELAND STEEL TOOL CO. J. F. Doolittle, Pres.; Frank Evarts, V. Pres.; R. J. Yenning, Treas.-Gen. Mgr.- Pur. Agt.; Geo. H. Knebusch, Supt. | 660 E. 82nd St. |
| ZZ | CLEVELAND STRUCTURAL STEEL CO., John Rutkowski, Prop.-G. M.-P. A. | 6600 Park Ave. |
| GGG | CLEVELAND SUPPLIES DIV., (American Stove Co.) Wm. E. Walton, Mgr. | 4300 Hough Ave. |
| R | CLEVELAND SWITCHBOARD CO., THE F. C. Hafemeister, Pres.-G. M.; F. F. Hafemeister, Supt.-P. A. | 2925 E. 79th St. |
| II-KK-DD | CLEVELAND TAP & MFG. CO., THE F. R. Scofield, Pres.; A. M. Worden, V. P.-Treas.-G. M.-P. A.; G. T. Bauder, Secty.; C. S. Sorenson, Fcty. Mgr. | 1736 E. 22nd St. |
| BB-I-PP | CLEVELAND TOOL & SUPPLY CO., THE C. C. Coventry, Pres.-Treas.-G. M.; F. C. Wittich, V. P.-P. A.; Charles C. Wright, Secty.-Mgr. (Mchy. Dept.); H. E. Ruhf, Sales Mgr.; (Supply Dept.) M. J. Hutchinson, Asst. P. A. | 1427 W. 6th St. |
| V | CLEVELAND TRACTOR CO., THE R. White, Pres.; A. F. Knobloch, V. P.-Wks. Mgr.; E. A. Callanan, P. A. | Euclid & Lamb Ave. |
| DD | CLEVELAND TRINIDAD PAVING CO., THE M. F. Bramley, Pres.-Treas.; C. X. Zimmerman, V.-Pres.; W. W. Robinson, V. Pres.; T. L. Gawne, V.-Pres.; M. F. Siegenthaler, Secy.; C. R. Cooper, Supt. and Pur. Agt. Equipment for Shop. (Shop.) | M. O. Old Arcade—Plant 3409 Trumbull Ave. |
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| T | CLEVELAND WORM & GEAR CO. John W. Hertzler, Pres.-G. M.; A. V. Cannon, V. P.; A. H. Clark, S.-T.; R. G. Anderson, Fcty. & Prod. Mgr.; J. A. Porter, Ch. Engr.; W. L. Bosley, P. A. | E. 40th St. & Payne Ave. |

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| B | CLOUGH & WITT MCH. CO., THE Henry Pae, Pres.; J. D. Clough, V.-Pres.-Gen. Mgr.-Pur. Agt.; G. A. Weiss, Supt. | 1740 Columbus Rd. |
| T | CLOYES GEAR WORKS R. T. Cloyes, Prop. | 1630 Collamer Ave. |
| DD-C | CLYMOR MACHINE CO., THE E. M. Mohrman, Pres.-Pur. Agt.; E. S. Clymonts, Treas. | 8500 Lake Ave. |
| BB-QQ | CLYMOUTS-MOHRMAN CO. E. M. Mohrman, Pres.-G. M.; E. S. Clymouts, V. P.-Treas.; J. E. Fenner, Secty.-P. A. | 8500 Lake Ave. |
| DD-II | COBB, W. B. W. B. Cobb, Prop. | 2935 Detroit Ave. |
| K | COCHRANE, J. A. BRASS MFG. CO., THE M. J. Koblitz, Treas.-Gen. Mgr.-Pur. Agt.; J. A. Cochrane, Supt. | 1390 E. 41st St. |
| A-B-II-KK | COLBURN MACHINE TOOL CO. E. P. Breckinridge, Pres.; H. W. Breckenridge, V. P.-G. M.; W. E. Barrow, S. T.; F. F. Clarke, Ch. Engr.; A. A. Geck, Fcty. Mgr.; C. R. Williams, P. A. | 1038 Ivanhoe Road |
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| D-QQ | COLD GALVANIZING CO. Fred Grammes, Prop. | 1813 Columbus Road |
| DD-F | COLLAMER MCH. WKS. E. Langford, Prop. | 1630 Collamer Ave. |
| BB-JJ-G | COLONIAL STEEL CO. F. L. Stevenson, Dist. Mgr. | 1104 Prospect Ave |
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| BB-JJ | COLUMBIA TOOL STEEL CO., THE G. C. Beebe, Loc. Mgr. Sales. | 1239 W. 9th St. |
| K-II | COLUMBIAN HARDWARE CO., THE I. T. Kahn, Pres.-G. M.; R. J. Dickey, V. P.-Fcty. Mgr.; O. O. Vrooman, Secty.; H. F. Seymour, Treas.; K. Davidson, Comptroller; F. W. Ream, P. A.; E. Watkins, Gen. Supt.; H. L. Schuman, M. M.; H. Hammink, Sales Mgr. | 1290 E. 53rd St. |
| R | COMET BATTERY CO., THE Wm. Underwood, G. M.-P. A. | 1362 E. 3rd St. |
| M | COMMERCIAL FORGINGS CO., THE W. Illingsworth, Pres.-P. A.; C. B. Ritchey, V. P.-Sales Mgr.; Geo. Mogg, Secty.; O. F. Elber, Treas. | 3709 E. 91st St. |
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| C | CONNELLY, D. BOILER CO., THE W. C. Connelly, Pres.-Treas.; L. E. Connelly, V.-Pres.-Secy.; C. E. Shafer, Supt.; D. C. Reagan, Pur. Agt. | Ivanhoe Rd. & N. Y. C. R. R. |
| | CONCOLIDATED IRON-STEEL MFG. CO., THE I. T. Kahn, Pres.-G. M.; H. F. Seymour, V. P.; George J. Lehman, Secty.; A. Tuteur, Treas.; K. Davidson, Comptroller; F. W. Ream, P. A.; R. J. Dickey, Fcty. Mgr. | 1290 E. 53rd St. |
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| M-E | COOPER SPRING CO., THE J. C. Cooper, Pres.; B. Niels, V. Pres.; Chas. Harty, Pur. Agt. | Office Leader News Bldg—Plant 2220 Center Street |
| R | COOPER HEWITT ELECTRIC CO. S. H. Knapp, Dist. Sales Mgr. | Engineers Bldg. (Wks. Hoboken, N.J.) |
| BB-G | CORRUGATED BAR CO., INC. C. A. Young, Dist. Mgr. | Swetland Bldg. (Wks. Buffalo, N. Y.) |
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| KK-II | COWLES TOOL COMPANY E. A. Cowles, Pres.-G. M.; H. S. Hunter, V. P.; R. B. Kraft, S. T.-P. A.; J. Birtwell, Fcty. Mgr. | 2086 W. 110th St. |
| B | CREAM CONE MACHINE CO., THE J. W. Taylor, Pres., G. M.; C. R. Taylor, Secty.-P. A. | E. 59th & Hough Ave. |
| K | CRESCENT BRASS PRODUCTS CO., THE C. H. Hofrichter, Pres.; A. C. Hofrichter, V. Pres.-Pur. Agt.; W. R. Mardis, Secy.; E. Zeller, Treas. | 8410 Lake Ave. |
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| X | CRUCIBLE STEEL CASTINGS CO., THE W. J. Shepard, Pres.; H. F. Tielke, Secty.; M. G. Tielke, Treas.-P. A.; H. L. Aiken, G. M.; W. Nachtigall, Gen. Supt. | Champlain & Canal Rd. |
| B-L | CURTIS, A. R. MFG. CO. Arthur E. Curtis, Supt. | 6925 Aetna Road |
| BB-R | CUTLER HAMMER MFG. CO., THE A. G. Pierce, Dist. Mgr.; H. W. Eastwood, Sales Mgr.; F. H. Oberschmidt, Sales Engr. | Guardian Bldg. |
| C | CUYAHOGA BOILER WKS. CO., THE John Maher, Pres.-G. M.; J. M. Maher, V. P.-Supt.; H. W. Botten, Secty.-Treas. | 1204 Main St. |
| D | CUYAHOGA METAL PRODUCTS CO., THE George R. Aitken, Pres.-G. M.-P. A.; George A. Scharer, Gen. Supt. | 3354 Payne Ave. |
| DD-II | CUYAHOGA PARTS CO., THE Chas. Bellar, V. Pres.; Gen. Mgr.-Pur. Agt.; Wm. Lockart, Supt. | 8810 Harvard Ave. |
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| N | CYCLONE FENCE CO. J. H. Kinney, Dist. Mgr.; J. V. Morrissey, Fcty. Mgr. | 1287 Marquette Rd. (Wks. Waukegan, Ill.) |
| BB-G-JJ | CYCLOPS STEEL CO. V. M. Wellman, Dist. Mgr. | 1224 Oregon Ave. |
| DD-II | D & L MACHINE & MFG. CO., THE F. J. Ptak, Pres.-Supt.; H. Leek, G. M.-P. A. | 1529 E. 49th St. |
| GGG | (DANGLER DIV.) AMER. STOVE COMPANY D. E. Dangler, G. M.; C. S. Dangler, Supt.; F. B. Dangler, P. A.; D. C. Rice, Asst. P. A. | 5017 Perkins Ave. |
| S | DAMASCUS BRAKE BEAM CO., THE Information withheld | London Rd. & Nickel Plate R. R. |
| N | DANCYGER SAFETY PIN TICKET CO. Mrs. A. L. Newman, Pres.-Treas.; A. J. Newman, V. P.; M. G. Huster, Secty.-P. A. | 4707 Detroit Ave. |
| DD-C | DARLING MACHINE COMPANY C. B. Darling, Prop. | 1911 St. Clair Ave. |
| BB-FF | DAVIS-BOURNONVILLE CO. Hugh H. Dyar, Dist. Mgr.; C. A. Motz, Sales Engr.; R. A. Vaughen, Sales Rep. | 1839 E. 13th Street. |
| DD-E | DAY PISTON COMPANY Wm. R. Day, Pres.-Supt.; C. E. Day, S. T.-P. A. | Harvard & E. 103rd St. |
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| A-K | DEMCO MCH. TOOL CO., THE A. Reutschi, Pres. P. A. | 706 Frankfort Ave. |
| BB-I-UU | DICK, R. & J. CO., INC. J. K. Jewett, Loc. Mgr. | 111 St. Clair Ave. N. E. |
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| U | DRAKE LOCK-NUT CO., THE | Stanton Ave. (See Natl. Screw & Tack Co.) |
| B | DRAKE PROCESS MACHRY. CO., THE W. H. Drake, Pres.-G. M.; Frank Harrington, Ch. Engr.; Wm. H. H. Mather, Gen. Supt.; E. C. Pletzt, P. A. | 2344 E. 105th St. |
| GG | DRAPER MFG. CO., THE C. T. Draper, Pres.-G. M.; W. C. Grosser, Ch. Engr.; J. G. Dummeback, P. A. | E. 91st & Crane Ave. |
| R-S | DREW ELECTRIC & MFG. CO., THE James H. Drew, Pres.; John D. Williams, Secy.-Treas.; Elmer Flynn, Gen. Mgr.; Thos. Roan, Pur. Agt.; Chas. Ritchie, Supt. | 1679 Collamer Ave. |
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| QQ | DUPLEX HANGER CO., THE I. T. Kahn, Pres.-G. M.; A. V. Cannon, S. T.; K. Davidsom, Comptroller; F. W. Ream, P. A. | 1290 E. 53rd St. |
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| M | DYSON, JOSEPH & SONS James Jones, G. M.-Supt. | 5125 St. Clair Ave. |
| M | EAGLE BOLT & FORGING CO., THE W. P. Young, Treas.-G. M.-P. A.; D. B. Young, Gen. Supt. | 1435 E. 45th St. |
| E | EAGLE CARBURETOR CO., THE F. E. Rennebaum, Pres.; D. R. James, V. Pres.; G. S. McEachren, Secy.; E. B. Bartlett, Treas.-Pur. Agt. | 11500 Madison Ave. |
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| X | EBERHARD MFG. CO., THE W. P. Champney, Pres.; Geo. B. Shepard, V. P.-Treas.; Geo. Woolarman, P. A. | 2734 Tennyson Rd. |

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| S | ECLIPSE RAILWAY SUPPLY CO. R. Forwerd, Gen. Mgr.-Pur. Agt. | 4822 Payne Ave. |
| Z | EDMONDS ELEVATOR CO., THE F. A. Edmonds, Pres.-G. M.-P. A.; H. H. Edmonds, Gen. Supt. | 519 Champlain Ave. |
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| R | ELECTRIC PRODUCTS CO., THE M. R. Barry, Pres.-G. M. | 1725 Clarkstone Rd. |
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| F | ERIE PATTERN & MFG. CO. J. O. Pounds, Secty.-Sales; Geo. E. Barnes, Gen. Mgr.; Albert Stag, Supt. | 3203 Lorain Ave. |
| BB-R-I-VV | ERNER ELECTRIC CO. C. T. McKinstry, Pres.-Treas.; Peter Yensen, Secty.; G. S. Milner, Gen. Mgr.; Warner Jones, J. A. Milner, Sales Mgrs. | 1240 Ontario St. |
| DD-L-B | EUCLID MACHINE & ENGR. CO. A. C. Sneller, F. Sneller, Props. | 1838 Noble Road |

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| DD-II | EXCELSIOR MCH. & TOOL CO., THE J. K. Nagy, Supt. | 2609 E. 89th St. |
| U | F. P. SCREW CO., THE J. W. Fibley, Pres.-G. M.; Y. J. Hardlicka, Secty.-P. A.; Chas. M. Prell, Treas. | 2921 E. 79th St. |
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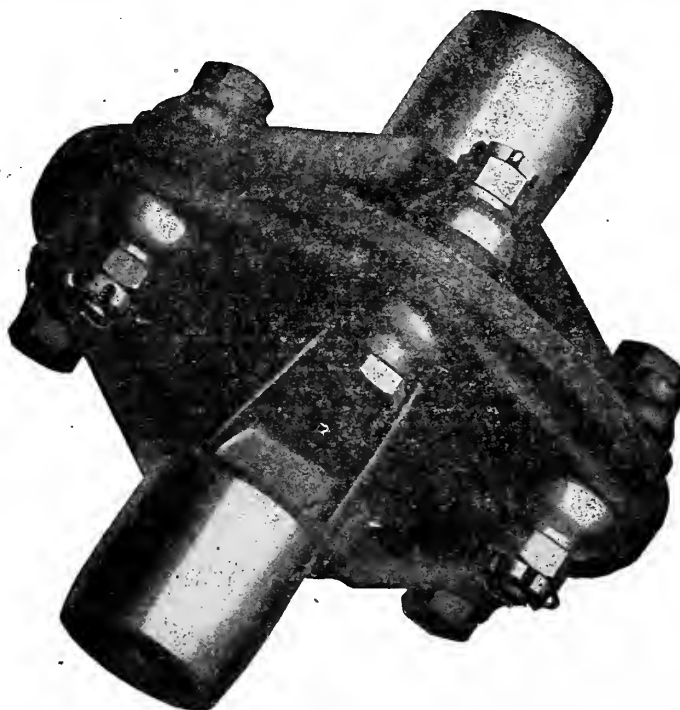
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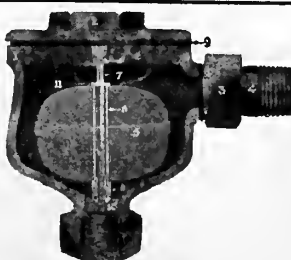
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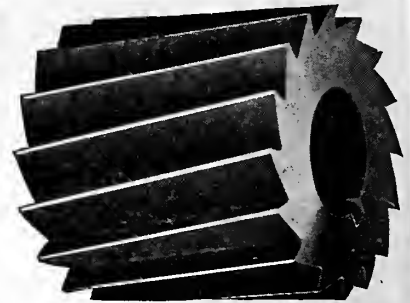
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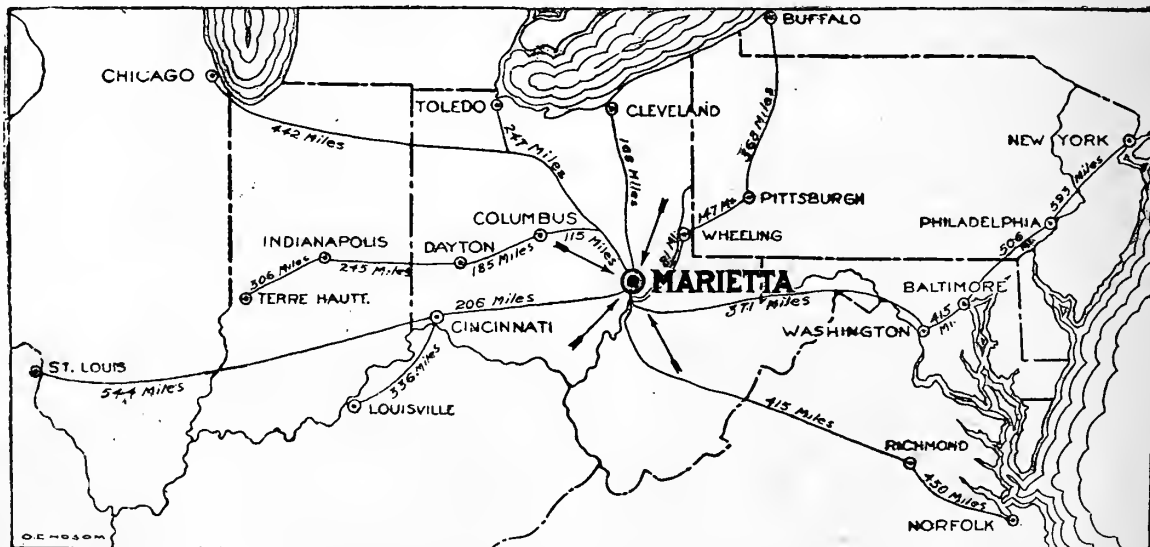
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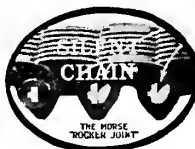
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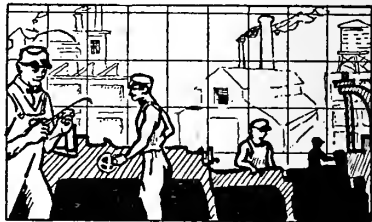
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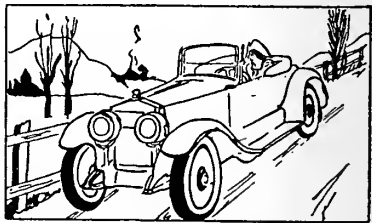
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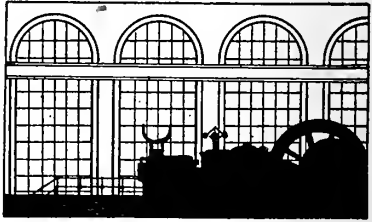
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| BB-PP-S | STAMETS, WM. K. George D. Miller, Dist. Mgr. | Kirby Bldg. (M. O. Pittsburgh, Pa.) |
| BB-P-Z | STAMP, CHARLES E. CO., THE Charles E. Stamp, Pres.; F. F. Seaman, Sales Mgr.; Ross E. Annis, Sales Engr. | Sixth-St. Clair Bldg. |
| X-H | STANDARD BRASS FDRY. CO., THE A. J. Griffa, Pres.; Chas. Rosenblatt, V. P.; A. J. Bloom, S. T.-G. M.; F. J. Mental, P. A. M. J. Mental, Fcty.-Mgr.-Supt. | 990 E. 67th St. |

CLEVELAND, CUYAHOGA COUNTY, OHIO

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| H-X-S | STANDARD CAR WHEEL CO., THE Chas. A. Brayton, Pres.; H. S. Sherman, V. Pres.-Treas.; W. B. Gorman, Secy.; H. H. Schneider, Supt.-Pur. Agt. | 6704 Bessemer Ave. |
| BB-Z | STANDARD CONVEYOR CO. H. C. Christiansen, Sales Mgr. | Electric Bldg. (Wks. N. St. Paul, Minn.) |
| E-M-DD | STANDARD EQUIPMENT CO., THE G. G. G. Peckham, Pres.; Oliver J. Ashman, V. P.-G. M.; J. A. Curtis, Secty.; H. A. Tremain, Treas.; D. F. Domizi, Ch. En. Supt.; E. L. Kremer, P. A. | 3170 W. 106th St. |
| HHH | STANDARD OIL CO., THE Main Dist. Stations—Cleveland, Columbus, Cincinnati, Toledo. Refineries at Cleveland and Toledo. A. P. Coombe, Pres.; W. H. Foster, V. Pres.; C. G. Taplin, 2nd V. Pres.; M. G. Vilas, Secy.-Treas.; Chas. A. Sherwood, Pur. Agt. | East Ohio Gas Bldg. |
| E | STANDARD PARTS CO., THE Frank A. Scott, Receiver.; P. A. Connolly, Secy. See—The Bock Bearing Co., Toledo, O.; The Eaton Axle Co., Cleveland, O.; The Perfection Spring Co., Cleveland, O.; The Standard Welding Co., Cleveland. | Walnut & E. 11th St. |
| F | STANDARD PATTERN WKS. E. J. Gutman, Pres.-G. M.-Supt. | 5333 St. Clair Ave. |
| B-Z-TT-SS | STANDARD SAND & MACH. CO., THE John Boughton, Pres.; Harry E. Boughton, V. P.-G. M.; Geo. H. Billman, Secty.; P. E. Lacey, Treas.-P. A. B. W. Roberts, Fcty. Mgr. | 5151 St. Clair Ave. |
| B-R | STANDARD SEWING MACHINE CO., THE H. W. Corning, Pres.-Treas.-G. M.; C. A. Otis, V. P.; H. B. Knapp, Secty.; W. S. Jones, Ch. Engr.; C. H. Pilcher, Fcty. Mgr.; J. Diehl, Gen. Supt.; F. W. Ehrich, Gen. Supt.; Prod. Mgr.; W. A. Gerstmann, P. A.; O. J. Stewart, Sales Mgr. | 6402 Cedar Ave. |
| II-KK | STANDARD TOOL CO., THE C. W. Bingham, Pres.; E. E. Northway, Secty.; H. A. Higgins, Gen. Mgr.; H. C. McKean, Fcty. Mgr.-Supt.; D. L. Northway, P. A.; Herman Wills, Prod. Mgr. Thomas Bascom, Ch. Engr.-M. M.; R. T. Lane, Sales Mgr. | 6900 Central Ave. |
| LL-E | STANDARD WELDING CO., THE John Younger, Gen. Mgr.; S. Van Dellan, Fcty. Mgr.-Gen. Supt.; Otto Jobski, Ch. Engr.; R. D. Malm, Prod.-Mgr.; P. O. Dorman, Pur. Agt.; W. H. Lolley, Sales Mgr. | W. 73rd St. & N. Y. C. R. R. |
| N | STANDARD WIRE SPRING CO., THE G. W. Decker, Gen. Supt.-Pur. Agt.; J. E. Anderson, Supt. | 3910 Superior Ave. |
| DD-II | STAR MACHINE & TOOL CO. J. J. Schurger, Prop.-Supt.-P. A. | 433 Champlain Ave. |
| BB-C-K-NN | STEAM EQUIP. MFG. CO. C. D. Kester, Dist. Mgr. | Leader News Bldg. (Wks. Pitts, Pa.) |
| E | STEARNS, F. B. CO., THE George W. Booker, Pres.-Treas.-G. M.; P. M. Booker, V. P.; M. L. Henschen, Secty.; George J. Batzer, Fcty. Mgr.-Prod.; W. E. England, Ch. Engr.; E. J. Connor, P. A. George L. Booker, Sales Mgr.; C. M. Caplan, Asst. P. A.; F. J. Morrisette, M. M. | Euclid & Lakeview Ave. |
| M-S | STEEL CAR FORGE CO., THE Geo. I. Allen, D. Mgr. | Kirby Bldg. (Wks. Pittsburgh, Pa.) |
| BB-QQ-ZZ | STEEL FABRICATING CORP., THE C. N. Pinco, Sales Mgr. | Union Bldg. |
| O | STEEL IMPROVEMENTS & FORGE CO., THE W. E. Byrnes, Pres.-P. A.; W. C. Whyte, Secty.-G. M.; J. McCracken, Foreman; C. E. Bracken, Ch. Engr.; J. F. Rice, Supt. | 5003 Windsor Ave. |
| E-O-U | STEEL PRODUCTS CO., THE C. E. Thompson, Pres.; W. D. Bartlett, V. P.; W. M. Albaugh, Asst. to Pres.; C. W. Miller, G. M.; W. T. Spire, Ch. Engr.; E. A. McCabe, Supt.; E. C. Williams, P. A. E. A. Maher, Asst. P. A. | 2206 Clarkwood Rd. |
| E-K | STEEL SOCKET SHAFT END. CO. R. F. Trimmer, Prop. | 1432 E. 49th St. |
| R | STERLING ELECT. CORP., THE Antonio Longoria, Pres.-Treas.-Supt.; P. A.-Sales Mgr. Harry G. Welfare, V. P.; S. J. Regan, Secty. | 2711 Church Ave. |
| E | STERLING-KNIGHT MOTOR CO., THE P. H. Withington, Pres.-Treas.; J. G. Sterling, V. P.-G. M.-P. A. | E. 134th & Coit Rd. |

CLEVELAND, CUYAHOGA COUNTY, OHIO

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| R-FFF-E | STERLING MFG. CO., THE R. E. Tresise, Pres.-Gen. Supt.-Engr.; W. M. Scott, S. T.-P. A.-G. M.; W. W. Dowdell, Sales Mgr.; L. E. Wilson, Asst. P. A. | 2831 Prospect Ave. |
| M-E | STERLING SPRING CO. J. C. Monteith, Pres.; Geo. H. Beaumont, V. P.-Treas.-Fcty. Mgr. | 2148 Scranton Road |
| EE-GG | STOCK IRON & WELDING CO. A. T. Stock, Prop.-Supt. | 2414 Superior Ave. N. W. |
| L-E | STOVER SIGNAL ENGR. CO., THE P. A. Stover, Pres.-P. A.; Eugene Bloomberg, Secty.-Treas.; Paul H. Sampliner, Sales Mgr. | 4900 Euclid Ave. |
| BB-XX | STOWE-FULLER CO., THE C. B. Stowe, Pres.; J. H. Fuller, V. Pres.; C. B. Kapitzky, Secy.-Treas.; C. W. Keplinger, Asst.-Treas. | Kirby Bldg. |
| B-DD-II | STRAEHLE, F. W. & CO. F. W. Straehle, Pres.-G. M.-Supt. | 321 Frankfort Ave. N. W. |
| BB-DDD | STROMBERG ELECTRIC CO. Allen W. Spicer, Dist. Mgr. | Union Bldg. |
| D | STRONG, H. M. METAL PRODUCTS CO., THE H. M. Strong, Pres.-P. A.; E. H. Arnold, Gen. Supt. | 1011 Power Ave. |
| BB-I-PP-OO-NN R-K-CC | STRONG, CARLISLE & HAMMOND CO., THE E. E. Strong, Pres.; R. H. Carlisle, V. P.; H. W. Strong, Secty.; L. J. Hammond, Treas.-G. M.; Wm. McClelland, Sales Mgr.; F. H. Reed, P. A.; C. F. Miller, Asst. P. A.; D. E. Parsons, Supt. | 326-34 Frankfort Ave. |
| BB-OO-QQ | STURDEVANT, B. F. & CO. J. D. Chase, Dist. Mgr. | Guardian Bldg. |
| BB-C-NN-OO | SULLIVAN MACHINERY CO. R. T. Stone, Dist. Mgr. Sales. | Kirby Bldg. (Wks. Chicago, Ill.) |
| H-X | SUPERIOR DIE CASTING CO., THE H. H. Weiss, Pres.; A. E. Weiss, G. M.-P. A.; Max Berger, V. P.-Supt. | 872 E. 72nd St. |
| H-X | SUPERIOR FOUNDRY CO., THE Julius Feiss, Pres.; L. T. Miller, V. Pres.; S. P. Schloss, Secy.; C. N. Miller, Treas.; George Feiss, Gen. Mgr.; J. Sands, Gen. Supt.; W. H. Casson, Pur. Agt. | 3542 E. 71st St. |
| U | SUPERIOR SCREW & BOLT CO., THE N. T. Jones, Pres.; M. J. Riley, V. P.-Fcty. Mgr.; W. J. Hayes, S. T.-P. A.; George C. Hunter, Gen. Supt.; Frank J. Bierbrier, Ch. Engr. | E. 93rd & Aetna Road |
| II | SUPERIOR STEEL STAMP CO. Geo. H. Bracht, Pres.-G. M.; Wilbert Sell, S. T.-P. A. | 1220 W. 6th St. |
| BB-H-JJ-LL-G | TACONY STEEL COMPANY D. B. Carson, Dist. Mgr. Sales. | Swetland Bldg. (Wks. Tacony, Pa.) |
| BB-G | TAYLOR, N. & G. CO. George I. Allen, Dist. Sales Mgr. | Kirby Bldg. (Wks. Phila. Pa.) |
| H-X | TAYLOR & BOGGIS FDRY. CO., THE I. T. Kahn, Pres.-G. M.; Benj. F. Fiery, Secty.; Thos. L. Sidlo, Treas.; K. Davidson, Comptroller; F. W. Ream, P. A.; W. L. Patton, Supt.; W. H. Clemes, Supt.; J. A. Parker, Sales Mgr. | 1290 E. 53rd St. |
| DD-A-B | TAYLOR MACHINE CO., THE Wm. W. Taylor, Pres.-G. M.; R. T. Maskell, S. T.-P. A. | 7804 Carnegie Ave. |
| BB-G-JJ-LL | TAYLOR-WHARTON IRON & STEEL CO. J. R. Smith, Sales Engr. | Hickox Bldg. |
| R-E | TEAGLE COMPANY, THE F. H. Teagle, Pres.-G. M.-P. A.; C. E. Pearson, Ch. Engr.-Supt. | 1125 Oregon Ave. |
| DDD | TELE-CALL COMPANY, THE C. F. Mead, Pres.-Treas.; J. F. Coulston, Secty.-Sales Mgr.; Gould Williams, Gen. Mgr.-P. A.; L. E. Richmond, Fcty. Mgr. | 5604 Cedar Ave. |
| E | TEMPLAR MOTORS CO., THE M. F. Bramley, Pres.-G. M.; W. M. Pattison, V. P.; W. O. Cooper, Secty.; D. C. Reed, Treas.; J. H. Bramley, Fcty.-Mgr.; A. M. Dean, Ch. Engr.; A. G. Johnson, P. A. | Templar Park |
| GGG | TINNERMAN STOVE & RANGE CO. A. H. Tinnerman, G. M.; Ralph Cross, Prod. & P. A. | 2038 Fulton Rd. |
| BB-K | TOMLINSON STEAM SPEC. CO. A. E. Tomlinson, Prop. | 1597 St. Clair Ave. |

| CLEVELAND, CUYAHOGA COUNTY, OHIO | | |
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| E | TORBENSON AXLE CO., THE Robt. Enoes, V. Pres.; Fred Buchda, Secty.-Treas.; G. Smith, Fcty. Mgr.; Vincent Cada, P. A.; G. W. Carlson, Ch. Engr.; George Beale, Prod. Mgr.; Arthur Dixon, Sales Mgr.; C. Pettie, Asst. P. A.; W. J. Fowler, Health Dir. | 1115 E. 152nd St. |
| S-V | TOWMOTOR COMPANY, THE F. W. Sears, Pres.; L. M. Sears, V. P.-G. M.-P. A.; Ernest McGeorge, Secty.; A. G. Simon, Treas. | 1226 E. 152nd St |
| GGG | TRENKAMP STOVE & MFG. CO. H. J. Trenkamp, Pres.-Treas.; Henry Trenkamp, Secy.- Fcty.-Mgr.; P. A. | 9806 Quincy Ave. |
| U | TRIPLEX SCREW COMPANY A. F. Weber, Pres.-Supt.-P. A. | 6112 Central Ave. |
| BB-G-JJ-LL | TRUMBULL STEEL CO. Warner A. Peck, Dist. Sales Mgr. | Hanna Bldg. (Works Warren, O.). |
| L-B | TRUNDLE, GEO. T. JR. ENGINEERING CO., THE George T. Trundle, Jr., Pres.; Neola Van Sittert, S. T.; W. W. Johnson, Ch. Engr. | Card Bldg. |
| BB-QQ-ZZ | TRUSCON STEEL CO., THE Edw. G. Mathewson, Dist. Mgr. | 4614 Prospect Ave. (M. O. Youngstown, O.) |
| BB-M-P-C-A | TUCKER-DAY COMPANY D. S. Tucker, Dist. Sales Mgr. | Natl. Bldg. |
| OO | TURBINE AIR TOOL CO., THE George L. Kraber, Pres.-G. M.; F. W. Nichols, V. P.-Sales; Thomas Zimmerman, Supt. | 710 Huron Road |
| R-OO | TURNER AUTOMATIC FAN & MFG. CO., THE George W. Turner, Pres.; S. Bowie, V. P.; Charles A. Walker, Secty.; M. Jones, Treas.; Wm. Crosby, G. M. | 7500 Bessemer Ave. |
| N-ZZ-H | TYLER, W. S. COMPANY, THE P. Patterson, Pres.-G. M.; C. Zimmerman, S. T.; H. Steffen, Fcty. Mgr. Supt.; H. G. Coates, P. A. | 3615 Superior Ave. |
| II-KK-DD-FFF | ULMER, J. C. CO., THE George Billman, Pres.; Noyes P. Gallup, V. P.; J. C. Ulmer, S. T.; E. R. Tozer, Mgr. A. S. Innes, Gen. Supt.; F. D. Knepper, P. A. | 1791 E. 38th St. |
| BB-JJ | UNION ELECT. STEEL CO. George E. Otte, Sales Rep. | 1836 Scranton Rd. (Wks. Carnegie, Pa.). |
| L-B-DD-Y-Z | UNION ENGINEERING CO., THE J. N. Hahn, Pres.; G. J. Hewlett, V. P.-G. M.-P. A.; Clayton Crouch, Sec.-Engr. | Cuyahoga & W. 4th St. |
| BB-C-G | UNION IRON WORKS Eugene Smith, Sales. | Kirby Bldg. (Wks. Erie, Pa.). |
| | UNION TRUST CO., THE John Sherwin, Chairman Board; J. R. Nutt, Pres.; J. H. Wade, Chairman Trust Comm.; Executive Managers: Geo. A. Coulton, Sr. V. Pres.; J. R. Kraus, V. Pres.; Wm. Baldwin, V. Pres.; C. L. Bradley, V. Pres. | M. O. Citizens Bldg. |
| BB-JJ-LL-G | UNITED ALLOYS STEEL CORP. Wm. Forbes, Dist. Mgr. Sales. | Swetland Bldg. (Works, Canton, O.). |
| K | UNITED BRASS MFG. CO. Wm. J. Schoenberger, Managing Partner; E. M. Rogert, Treas.; C. F. Schultis, Fcty. Mgr.; Fred Schulder, Ch. Engr.; C. R. Foster, Sales Mgr.; Fred Weik, P. A. | 3844 Hamilton Ave. |
| D-O-DD-LLL | UNITED STAMPING & MACH. CO., THE G. W. Furth, Pres.-G. M.; W. H. Kelly, V. P.-Treas.; D. R. Wilkin, Secty.; J. S. Peppel, Fcty. Mgr. | E. 168th & Waterloo Road |
| OO | U. S. AIR COMPRESSOR CO., THE R. L. Bacher, Pres.-Ch. Engr.; W. C. Smith, V. P.-G. M.; A. A. Gelinias, Supt.; L. H. Bacher, P. A. | 5300 Harvard Ave. |
| G-JJ | UNITED STATES ALUMINUM CO. E. M. Chandler, Gen. Supt.; A. B. Wilber, Asst. Supt.; F. K. Terwilliger, Ch. Clerk.-P. A.; W. A. Greff, Master Mech. | 1099 Ivanhoe Rd. |
| BB-R-AA-OO | UNITED STATES ELECTRICAL TOOL CO., THE G. M. Lawrence, Dist. Mgr. Sales. | Bangor Bldg. (Wks. Cincinnati, O.). |
| D-E-DD | U. S. METAL GOODS CO. Alan Bloch, G. M.-P. A. | 5211 Euclid Ave. |

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| A-B-H | U. S. MOLDING MACH. CO., THE J. M. Battenzelle, Pres. G. M.; R. W. Gramling, Supt. | 968 E. 69th Pl. |
| P-S-V | UNIVERSAL CRANE CO. | Swetland Bldg. (See Elyria, Ohio). |
| FFF | UNIVERSAL DRAFTING MCH. CO. C. W. Little, Prop. | 1426 W. 3rd St. |
| E-Y-DD | UNIVERSAL DRIVE SHAFT CO. Fred Peters, Pres.-Supt.; W. H. Thiemer, V. P. G. M.-Ch. Engr.; A. H. Wills, P. A. | 5902 Carnegie Co. |
| BB-E-M-Y | UNIVERSAL MACHINE CO., THE George E. Otte, Sales Rep. | 1836 Scranton Rd. (Wks. Bowling Green O.) |
| BB-CC-N-K | UPSON-WALTON CO., THE J. W. Walton, Ch. Board; O. W. Upson, Pres.; C. H. Mathews, V. Pres.; F. J. Hemler, Secy.; C. R. Doty, Treas.; Thomas Mathews, Pur. Agt. | 1310 W. 11th St. |
| EEE | VALLEY CONTRACTING COMPANY, THE F. M. Schmoldt, Pres.-G. M.; A. W. Schmoldt, V. Pres.; L. C. Kintzler, Secy.-Treas. | 1900 Denison Ave. |
| BB-JJ-LL-G | VANADIUM-ALLOYS STEEL CO. J. H. Caler, Dist. Mgr. Sales. | Union Bldg. (Wks. Latrobe, Pa.) |
| T-E | VAN DORN & DUTTON CO., THE F. W. Sinram, Pres.-G. M.; Frank Schneider, V. P.; T. E. Leighton, Sect.-P. A. T. G. Hodell, Treas.; F. C. J. Awig, Ch. Eng.; Frank Petznick, Supt. | 2978 Woodhill Rd. |
| AA-OO-A | VAN DORN ELECTRIC TOOL CO., THE F. Schneider, Pres.; T. B. Van Dorn, V. P.; F. H. Zulauf, Secty.-Sales Mgr.; F. W. Sinram, Treas.; E. L. Connell, Ch. Engr.; T. E. Leighton, P. A.; B. W. Sweet, Fcty. Mgr.; L. J. Hengesbach, Gen. Supt.; O. C. Kiehne, Prod. Mgr. | 2978 Woodhill Rd. |
| QQ-ZZ | VAN DORN IRON WKS. CO., THE T. B. Van Dorn, Pres.; H. A. Rock, V. P.; F. G. Smith, Secty.-P. A.-Sales; K. L. Hardy, Treas.; L. J. Baker, Fcty. Mgr.; J. A. Boyden, Prod. Mgr.; Robt. Dunbar, Ch. Engr.; E. Melcher, Asst. P. A.; J. T. Whitehouse, M. M. | 2685 E. 79th St. |
| DD-E-D | VAN LOOZEN MFG. CO., THE F. H. Van Loosen, Pres.-Treas.; J. Verdeber, V. Pres.-Secy.-Supt.-Pur. Agt. | 3405 Perkins Ave. |
| C-QQ-ZZ | VARIETY IRON & STEEL CO., THE L. D. Weaning, Pres.-G. M.; H. E. Baldwin, Ch. Engr.-Fcty. Mgr.; H. J. Bowie, Sales-P. A. | Hamilton & E. 40th St. |
| D-DD-II | VARIETY MACHINE & STAMPING CO. Otto Kernspecht, Pres.-Supt.; Geo. Kernspecht, V. P.-P. A. | 3404 Tate Ave. |
| K | VICTOR BRASS MFG. CO., THE J. F. McCarthy, Pres.; F. J. Moran, V. P.-Sales Mgr.; N. J. McArath, Sec.-Treas.-P. A. J. Lyons, Gen. & Fcty. Mgr. | 6813 Wade Park Ave. |
| K-D | VIRDEN COMPANY, THE J. C. Virden, Sr., Pres.-G. M.; J. C. Virden, Jr., Secty.-P. A. | 2166 Ashland Rd. |
| D-E-DD | VITAL MFG. CO., THE W. E. Sherbondy, Pres.-Gen. Mgr.; F. C. Dorn, V. Pres.; Geo. F. Kast, Secy.-Treas.; H. Auw, Pur. Agt.; F. Kast, Supt. | 7500 Quincy Ave. |
| M-E | VLCHEK TOOL CO., THE F. J. Vlchek, Pres.-G. M.; C. H. Rock, V. P.-Sales Mgr.; F. S. Macourek, S. T.; E. C. Koster, Fcty. Mgr.; R. E. Affantranger, P. A. | 3000 E. 87th St. |
| E-C | WALKER, H. J. COMPANY H. A. Tremaine, Pres.; Ben. Hopkins, V. P.; G. S. Salzman, Treas.; W. B. Fisher, Fcty. Mgr.; L. A. Saunders, P. A. | E. 131st & Taft Ave. |
| BB-JJ-LL | WALKER, WM. J. STEEL CO., THE F. B. Walker, Pres.-Treas.-P. A.; Frank F. Donnelly, Secty.-G. M. | 1722 Columbus Rd. |
| BB-A-F-R | WALLACE, J. D. & CO. D. H. Shartle, Dist. Mgr. | Erie Bldg. |
| H-X | WALWORTH RUN FDRY. CO., THE A. Gerdum, Pres.; W. J. Strangward, V. P.-G. M.; John F. Yochem, Secty.-P. A. W. Seelbach, Treas. | 2488 W. 27th St. |
| BB-G-JJ | WARD'S, EDGAR T. SONS CO. H. F. Jordan, Dist. Mgr. | Union Bldg. |
| A-B | WARDWELL MFG. COMPANY F. W. Wardwell, Jr., Pres.-G. M.-Ch. Engr.; S. H. Wardwell, V. P.-Prod. & Fcty. Mgr.; S. H. Wardwell, P. A.; Chas. Gylfe, Gen. Supt. | 110 Hamilton Ave. |

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| BB-Z | WARNER ELEVATOR MFG. CO., THE A. B. Connor, Dist. Mgr. | 702 Lakeside Ave. N. E. |
| A-B-II-KK | WARNER & SWASEY CO., THE Ambrose Swasey, Pres.; W. R. Warner, V. P.; L. B. Stauffer, Secty.; P. E. Bliss, Treas.; F. A. Scott, Gen. Mgr.; Adam Herkner, Gen. Supt.; C. H. Kress, P. A. | 5701 Carnegie Ave. |
| BB-A-B-WW | WATERBURY FARRELL FDY. & MCH. CO. B. R. Lamb, Sales Mgr. | Williamson Bldg. (Wks. Waterbury, Conn.) |
| DD-II | WEBER, JOHN John Weber, Prop. | 615 St. Clair Ave. N. E. |
| BB-Z | WEBSTER MFG. COMPANY R. G. Freeman, Local Mgr. | Swetland Bldg. (Wks. Tiffin, Ohio.) |
| U | WEDLER & BLANCHARD MCH. CO., THE A. H. Wedler, Vice Pres.-G. M. P. A.; J. Randa, Supt. | 4520 Superior Ave. |
| K-H-X | WEISS BRASS FDY. & MFG. CO. F. J. Weiss, Prop.; J. F. Weiss, Prop. | 5029 St. Clair Ave. |
| B-DD-II-KK | WELDON TOOL CO., THE Carl Bergstrom, Pres.-G. M.-P. A. | 321 Frankfort Ave. N. W. |
| EE | WELD-WORK MACHINE CO., THE E. W. Gustafson, G. M.-S. T.-Supt.-P. A. | 1101 Power Ave. |
| X-H | WELLMAN BRONZE CO., THE F. S. Wellman, Pres.-Treas.; H. G. Wellman, V. P.-Secty.-P. A.; P. C. Hungerford, Asst. P. A.; K. E. Mitchener, Sales.; J. B. Stayne, Gen. Supt. | 6017 Superior Ave. |
| F-U-DD | WELLMAN PRODUCTS CO., THE W. S. Wellman, Pres.-G. M.-P. A. | 1444 E. 49th St. |
| B-P-X-W-Z-CC | WELLMAN-SEAVER-MORGAN CO. Edwin S. Church, Pres.-G. M.; G. W. Burrell, V. P.-Asst. G. M.; N. R. Fairlamb, S. T.; S. T. Plimpton, P. A.; J. H. Stratton, Engr.; A. E. Gibson, Gen. Supt. | 7000 Central Ave. |
| N-ZZ | WEST END IRON & WIRE WORKS John F. Kruppke, Prop.; Frederick Kruppke, Prop. | 3424 W. 46th St. |
| F | WEST END PATTERN WORKS, THE John Horne, Prop. | 2122 W. 96th St. |
| BB-G-JJ-LL | WEST LEECHBURG STEEL CO. H. D. Cushman, Dist. Mgr. Sales. | Finance Bldg. |
| H-X-E | WEST STEEL CASTING CO., THE R. H. West, Pres.-Treas. G. M. Fcty. Mgr.; D. P. Lansdowne, V. P.-Secty.; J. B. McGlynn, Gen. Supt.; K. A. Koepf, P. A.; E. C. Pender, Prod. Mgr. | 805 E. 70th St. |
| BB-U | WESTERN AUTOMATIC MACHINE SCREW CO. Don H. Bryant, Loc. Mgr. Sales. | Engrs. Bldg. (Works, Elyria, O.). |
| DD-II | WESTERN RESERVE MACH. CO. Adolph Wunderlick, Prop.-Supt. | 3710 E. 93rd St. |
| H-X | WESTINGHOUSE MFG. CO., THE A. H. Jones, G. M.-P. A.; C. F. Knowlton, Fcty. Mgr. Supt. | 1216 W. 58th St. |
| BB-AA | WHEEL TRUEING TOOL CO. J. M. Stone, Dist. Mgr. | Engineers Bldg. (M. O. Detroit, Mich.) |
| E | WHEELER RADIATOR & MFG. CO., THE W. H. Ritter, Pres.; G. E. Wheeler, V. P.-G. M.; E. F. Hafinger, S. T.-P. A.; F. R. Kisslinger, Fcty.-Mgr. Ch. Eng.; B. R. Smith, Gen. Supt. | 1637 Collamer Ave. |
| BB-JJ-LL-G | WHEELING STEEL PRODUCTS CO. D. O. Rice, Dist. Sales Mgr. | Hanna Bldg. (Works, Wheeling, W. Va.). |
| BB-JJ-LL-G | WHELOCK, LOVEJOY & CO., INC. E. C. Bartlett, Dist. Mgr. Sales. | 1802 Columbus Rd. |
| E | WHITE CO., THE (SALES) Walter C. White, Pres.; Geo. F. Russell, V. Pres.; James A. Harris, Jr., V. Pres.; R. W. Woodruff, V. Pres.; M. B. McLaughlin, V. Pres.; T. R. Dahl, Secy.; George H. Kelly, Treas.; W. S. Rogers, Pur. Agt. | 6611 Euclid Ave |
| E | WHITE MOTOR CO., THE Walter C. White, Pres.; Geo. F. Russell, V. Pres.; James A. Harris, Jr., V. Pres.; R. W. Woodruff, V. Pres.; M. B. McLaughlin, V. Pres.; Thos. White, Gen. Mgr.-Fcty. Mgr.; B. Graves, Pur. Agt.; T. Bell, Asst. Pur. Agt. | E. 79th & St. Clair Ave. |

CLEVELAND, CUYAHOGA COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| B-R | WHITE SEWING MACH. CO. A. F. Rodgers, G. M.; Oscar Grothe, Fcty. Mgr.; E. W. Hall, P. A. | St. Clair & E. 79th St. |
| BB-I-PP-II-KK | WHITE TOOL & SUPPLY CO., THE H. C. Ellsworth, Pres.-G. M.; W. J. Christman, P. A. | 1313 W. 6th St. |
| BB-P | WHITING CORP. Robert J. Thomas, Dist. Mgr. | E. 6th St. Clair Bldg. |
| BB-UU | WHITLOCK MFG. CO., THE R. H. Whitlock, Gen. Mgr.-P. A. | 1506 W. 112th St. |
| V | WHITNEY TRACTOR CO., THE A. B. Whitney, Pres.-Treas.; H. S. Erd, V. P.-G. M.; Jno. J. Ensco, Secty.; J. A. Nyland, Ch. Engr.; J. G. Erd, Ch. Engr.; A. J. Tuscany, P. A.; D. A. Vail, Asst. P. A. A. C. Jones & G. B. Shaut, Supts.; M. F. McCarthy, Prod. Mgr. | 2731 Prospect Ave. |
| BB-N-G-LL | WICKWIRE SPENCER STEEL CO. E. C. Stout, Dist. Sales Mgr. | Natl Bldg. (Works, Buffalo, N. Y.). |
| E-R-S | WILLARD STORAGE BATTERY CO., THE T. A. Willard, Pres.; R. C. Norberg, V. P.-G. M.; H. J. Stiles, S. T.; O. W. Oetting, Ch. Engr.; F. Kulow, Ch.-P. A.; F. J. Reynolds, Asst. P. A.; G. W. Snow, Asst. P. A.; W. B. Pettibone, Fcty. Mgr.; K. E. Roof, Welfare Mgr.; | E. 131st & St. Clair Ave. |
| BB-GGG | WILLCOX SYSTEM & EQUIP. CO., THE W. H. DuRoss, Pres.; James Arcus, V. P.; Carl Schaefer, Secy.; K. Millhoff, Treas.; Wm. H. Willcox, Gen. Mgr. | Old Arcade |
| D | WILLIAMS TEST CLAMP CO., THE John H. Williams, Pres.-G. M.-P. A. | 1051 Power Ave. |
| N | WILSON FASTENER CO., THE F. E. Wilson, Pres.; W. G. Wilson, V. Pres.; C. O. Todd, Secy.-Treas.; E. A. McCann, P. A. | 117 St. Clair Ave. N. E. |
| BB-II-KK | WINDAU TOOL CO., THE E. H. Windau, Prop.-P. A. | 1565 E. 17th St. |
| E | WINTON COMPANY, THE Alexander Winton, Pres.; Thomas Henderson, V. P.; George H. Brown, Secty.; E. McEwen, G. M.; C. F. Krumhor, P. A.; C. A. Blake, Gen. Supt.; H. L. Matheny, Service Mgr. | Berea Rd. & Madison |
| C | WINTON ENGINE WORKS Alexander Winton, Pres.; Thomas Henderson, V. P.; George H. Brown, S. T.; George W. Codrington, Gen. Mgr.; F. Salisbury, Ch. Engr.; M. B. Keil, P. A. | 2116 W. 106th St. |
| B-DD-U | WOOD & SPENCER CO., THE F. W. Wood, Pres.-Gen. Mgr.; A. K. Spencer, V. Pres.-Treas.; D. G. Miller, Secy.; P. C. Halter, Ch. Engr.-Gen. Supt.; C. L. Reinke, Pur. Agt. | 1930 E. 61st St. |
| K | WOODHILL BRASS CO., THE J. P. Ferencik, Pres.; Jos. Hurbecky, V. P.; Frank R. Noss, Secy.-G. M.-P. A.; H. S. Mitchell, Treas. | 2889 Woodhill Rd. |
| D-DD | WOODHILL STAMPING CO., THE K. W. Collins, G. M.-P. A.; F. Zluhan, Gen. Supt. | 10585 Quincy Ave. |
| DD | WOODRUFF ENGR. CO. R. J. Woodruff, Prop. | 5315 Euclid Ave. |
| MM | WORDEN TOOL CO., THE W. E. Bonesteel, Pres.-G. M.-P. A. | 1854 Scranton Rd. |
| BB-I-K-M-N R-S-U-Y-KK MM-NN | WORTHINGTON, GEO. CO., THE W. D. Taylor, Pres.-G. M.; C. A. Jewett, V. P.; A. J. Gaehr, S. T.; H. H. Riddle, S. M.-P. A.; H. E. Holburd, Sales Engr.; L. H. Weber, P. A.; F. L. Foshay, P. A. | 802 St. Clair Ave. N. W. |
| BB-A-C-NN | WORTHINGTON PUMP & MCHRY. CO., THE A. J. Klug, Sales Mgr. Cleveland Dist. | Kirby Bldg. |
| BB-M | WYMAN GORDON CO., THE J. D. Sutherland, Gen. Sales Mgr. | Soc. for Savings Bldg. (M. O. Worcester, Mass.) |
| BB-D | WYOMING SHOVEL WORKS, THE Stanley H. Smith, Sales Mgr. | Kirby Bldg. |
| DD | Y. M. C. A. MACHINE SHOP S. J. Papoi, Gen. Supt. | Chester & 23rd St. |
| A-B-WW | YODER COMPANY, THE C. M. Yoder, Pres.-G. M.; M. H. Yoder, V. P.; H. O. Yoder, Secy.-P. A.; F. Dellinger, Fcty. Mgr. | 5510 Walworth Ave. |

CLEVELAND, CUYAHOGA COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| B | YORK OHIO ICE MACHINE CO., THE John Schurman, Pres.-G. M.-P. A.; A. R. Greenwood, V. P.; H. S. Yoder, Secty. & Sales Mgr.; Thomas Shepley, Treas.; A. Von Mengerhausen, Ch. Eng. Prod.; E. J. Feig, Sales Engr.; M. H. Ackerman, Sales Rep. | 1108 Woodland Ave. |
| DD-II | YOUNGSONS MACHINE CO., THE W. H. Staring, Pres.; C. R. Youngson, V. P.-Treas.-G. M.-P. A. | 1101 Power Ave. |
| F | YOUNG & SON COMPANY L. R. Young, G. M.-Supt. | 2281 E. 89th St. |
| BB-JJ-LL-G | YOUNGSTOWN SHEET & TUBE CO. G. G. Stuart, Dist. Sales Agt. | Leader-News Bldg. (Wks. Youngstown, O.). |
| DD-II | ZENITH TOOL & MFG. CO., THE D. A. Davis, Pres.; J. Wentling, V. P.; J. Davis, P. A.; K. Korb, Gen. Mgr. | 1611 E. 40th St. |
| R-B | ZEUS ELECTRIC CO., THE John Rein, Prop.-Supt.-P. A. | 1591 Columbus Rd. |

CLEVELAND, HAMILTON COUNTY, OHIO

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| G | CINTI HORSE SHOE & IRON CO., THE T. F. Hotchkiss, Pres.; A. J. Barron, V. Pres.-Gen. Mgr.-Sales Mgr.; Leo E. Steele, Secy.-Treas.-Pur. Agt.; R. C. Hillgardner, Ch. Engr.; R. H. Miller, Gen. Supt.; H. Crowe Master, Mech. | |
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CLYDE, SANDUSKY COUNTY, OHIO

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| H-X | CLYDE CASTINGS CO., THE Fred Whitcomb, Pres.-Treas.-Gen. Mgr.; Edw. Schwartz, V. Pres.; Roy Swedersky, Secy. | |
| MM | CLYDE CUTLERY CO., THE R. B. Jones, Pres.-Gen. Mgr.; L. M. Persing, V. Pres.-Fcty. Mgr.-Gen. Supt.; D. C. Richmond, Secy.; Taylor Fuller, Treas. | |
| E | CLYDESDALE MOTOR TRUCK CO., THE F. D. Brown, Pres.; A. J. Banta, V. Pres.-Gen. Mgr.; J. H. Baynes, Secy.; D. E. Fuller, Treas. | |
| R | SHOLDER-EXCEL MFG. CO. Wm. Anthony, Pres.-Gen. Mgr. | |

COLDWATER, MERCER COUNTY, OHIO

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| RR | NEW IDEA SPREADER CO., THE B. C. Oppenheim, Pres.-Sales Mgr.; Henry Synk, V. P.-Fcty. Mgr.; I. H. Oppenheim, Treas.; A. Mueller, P. A. | |
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COLUMBIANA, COLUMBIANA COUNTY, OHIO

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| B-H | BANNER MACH. CO., THE F. H. Grove, Pres.-G. M.-P. A.-Sales; J. F. Coyle, V. P.; E. T. Coyle, S.-T.; A. L. Heston, Ch. Engr.; G. R. Bilger, Gen. Supt. | |
| M-DD-II | COLONIAL TOOL & FORGE CO., THE L. V. Blue, Pres.-G. M.-P. A.; H. R. Orr, S.-T.-Prod. Mgr.-Sales; Otto Weber, Fcty. Mgr.; H. R. Orr, Asst. P. A. | W. Railroad Street. |
| C | COLUMBIANA BOILER CO., THE Jacob Detwiler, Pres.; Alfred Barrow, V. P.; R. J. Barrow, Secty.; John Barrow, Treas. G. M. P. A.; Clyde Barrow, Fcty. Mgr. | Railroad St. |
| NN | COLUMBIANA PUMP CO. J. V. Stewart, Gen. Mgr. | |
| MM-RR | ENTERPRISE CO., THE H. H. Detwiler, V. P.-G. M.-P. A. | |
| M-DD-II | HARROLD, H. J. TOOL CO. H. J. Harrold, Pres.-G. M.; Roy V. Harrold, S.-T.-P. A. | 22 E. Park Ave. |

THE MOTT & MERRYWEATHER MACHINERY CO.

Cleveland
Cincinnati
Detroit
Pittsburgh

COLUMBIANA, COLUMBIANA COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| YY | NEW TREAD TIRE CO., THE. S. W. Tidd, Pres.; E. P. Altenburg, V. P.-G. M.; C. V. Colvin, S.-T.-P. A.; O. W. Altenburg, Fcty. Mgr. | |

COLUMBUS, FRANKLIN COUNTY, OHIO

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| C | ADCO MFG. CO., THE | 162 W. Spring St. C. B. Hardman, Pres.-Gen. Mgr.; Wm. M. Graham, V. Pres.; W. C. Mooney, Secy.-Treas. |
| E | ALLEN MOTOR CO., THE | 400 Dublin Ave. E. W. Allen, Pres.; G. E. Schroth, Secy.; H. C. Runyeon, Gen. Mgr. |
| HH | AMERICAN CHAIN CO. | 134 N. Scioto N. B. Marple, Mgr. |
| U | AMERICAN NUT CO., THE | 391 Denison C. S. Lanman, Pres.; A. R. McAndrew, V. Pres.-Gen. Mgr. |
| VV | AMERICAN WATER MOTOR CO., THE | 796 E. 11th Avenue. L. Lewis, Pres.-Gen. Mgr.; L. T. Jacobs, Sales Mgr. |
| SS-BB-SS | ANCHOR CONCRETE STONE CO. | 1075 Lexington Ave. (Br. Rock Rapids, Ia.) G. M. Friel, Mgr. |
| B-DD-II | ARCH CITY MACHINE WORKS | Bet. Vine & Spruce Streets. C. L. Mahnicke, Prop. |
| E | ARMSTRONG-JOHNSTON MFG. CO., THE | W. 1st Ave. & Perry St. W. R. Johnston, Pres.-Gen. Mgr.; M. Armstrong, V. Pres.; Jas. H. Johnston, Secy. Tres.-F. M.-P. A. |
| DD-II | ATCHESON DIE TOOL CO. | 45 W. Long H. S. Atcheson, Prop. |
| H-X-DD | ATLAS BRASS FDY. CO., THE | J. Wittman, Pres.; L. A. Pleukharp, V. Pres.-Treas.; E. D. Wittman, Sect.-G. M.; J. Twitchell, Pur. Agt.; R. B. Perry, Sales Mgr. |
| R | AULD, D. L. CO., THE | 5th Ave. & 5th St. D. L. Auld, Pres.; J. A. Auld, V. Pres.; S. G. Brooks, Secy. Treas.; F. H. Auld, Gen. Mgr. |
| F | AUTOMATIC RECLOSING CIRCUIT BREAKER CO., THE | 6th & Wesley Ave. A. R. Anderson, Pres.; E. C. Ranney, Secy.-Gen. Mgr. |
| F | BANNER PATTERN CO., THE | 662 N. 4th St. Jas. Crooks, Pres. G. M. Gen. Supt. P. A. Charles Uhl, V. P.-Fcty. Mgr.; Evelyn B. Crooks, S.-T.; H. D. Miller, Ch. Engr.; George Horne, M. M. |
| R-BB-BBB | BARNEBEY-CHENEY ENGR. CO. | P. O. Box No. 66 O. L. Barnebey, Pres.-Treas.-Gen. Mgr.; C. E. Burnham, Secy. |
| F | BAUERMEISTER, FRED | 200 W. Mound St. Fred Bauermeister, Prop. |
| U | BERRY BROS. | 1st Ave. & Big Four R. R. R. G. Berry, Prop. |
| G | BESSIE FURNACE CO., THE | 230 N. 4th St. Caleb L. McKee, Pres.-Treas.; C. B. Donohue, Secy.-P. A. |
| H-X | BONNEY-FLOYD CO., THE | Marion Rd. J. L. V. Bonney, Pres.-Treas.; W. B. Floyd, V. Pres.-Secy.-Gen. Mgr. |
| C | BORGER BROS. BOILER WKS. | 257 W. Spring St. M. E. Borger, Pres.; F. W. Borger, V. Pres.; E. E. Follmer, Treas.-Gen. Mgr.-Pur. Agt. |
| DD | BREHL, JOS. C. | 376 S. Third. Jos. C. Brehl, Prop. |
| G-LL-B | BRIGHTMAN MFG. CO., THE | Marion Rd. F. H. Brightman, Pres.; G. F. Brightman, V. Pres.; C. W. Brightman, Secy.-Treas.; J. H. Brightman, Asst. Secy.-Treas.; H. L. Brightman, Wks. Mgr.; H. M. Brightman, Gen. Supt. |
| AAA | BROCALS CHEMICAL CO. | 412 Grand Theatre Bldg. F. H. Holmes, Treas.; Jos. McGhee, V. Pres.; H. P. Lauritzen, Secy.; W. H. Blake, Plant Supt. (Plant at Syracuse, Meigs Co.) |
| E-D-R | BROWN, JOHN W. MFG. CO., THE | Marion Rd. J. B. Brown, Pres.; J. W. Brown, Secy.-Treas. |
| XX-R | BRUNT PORCELAIN CO., THE | P. O. Box No. 493 G. F. Brunt, Pres.-Sales Mgr.; H. D. Clark, V. Pres.; J. T. Herbert, Secy.-Prod. Mgr.; W. F. Steele, Treas.-Gen. Mgr.-Pur. Agt. |

COLUMBUS, FRANKLIN COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| A-B | BUCKEYE DRILL & LATHE CO., THE C. M. Probasco, Pres.-G. M.-P. A.; H. R. Porter, Gen. Supt. | Marion Rd |
| VV | BUCKEYE DRYER CO., THE Vrnul Harbage, Pres.; F. J. Murray, V. Pres.; R. R. Perkins, Secy.-Sales Mgr.; G. A. Hankins, Treas. | 243 N. High St. |
| K | BUCKEYE GAS MANTEL MFG. CO., THE J. W. Malsby, Pres.-Gen. Mgr.-Pur. Agt.; R. E. O'Hara, Secy.-Treas. | 1051 W. Goodale St. |
| NN-R | BUCKEYE PUMP & MFG. CO. J. C. Howard, Prop. | 409-17 S. 18th St. |
| MM | BUCKEYE SAW MFG. CO. Wm. Reynolds, Prop.; Richard Reynolds, Prop. | 285 N. Water St. |
| D-GG | BUCKEYE STAMPING CO., THE E. C. Derby, Pres.-Treas.; E. R. Chapman, V. Pres. | Niagara Rd. |
| H-X | BUCKEYE STEEL CASTINGS CO., THE S. P. Bush, Pres.-Gen. Mgr.; Arno Eberlein, Secy.-Treas.; J. C. Whitridge, Asst. G. M.; A. H. Thomas, Supt.; J. E. Finneran, Pur. Agt. | S. Parsons Ave. |
| XX | BUCKEYE WINDOW GLASS CO., THE Chas. E. Bartram, Pres.-Gen. Mgr.; J. M. Sheets, V. Pres.; C. E. Bartram, Jr., Secy.; F. B. Ford, Treas. | Bonham Ave. |
| ZZ-N | BUCKEYE WIRE & IRON WKS. M. G. Rich, Prop. | 722 E. Mound St. |
| L-B-DD-II | BUDD-RANNEY ENGR. CO., THE W. E. Ranney, Pres.-Gen. Mgr.; W. H. Budd, V. Pres.; W. A. Vause, Secy.; F. O. Ackers, Treas.; F. P. Smith, Gen. Supt. | 236 N. Water St. |
| BBB | BURGESS SOLDERING FURNACE CO. E. T. Burgess, Gen. Mgr. | 292 E. Long St. |
| T-E | C. A. S. PRODUCTS CO., THE Chas. A. Brunner, Pres.-Gen. Mgr.; C. D. Cutting, V. Pres.; C. S. M. Krum, Secy.; F. L. Stein, Treas.; A. O. Judson, Fcty. Mgr.; V. Brockbank, Ch. Engr.; J. F. Wagner, Prod. Mgr.; Clem. Stein, Pur. Agt. | 318 E. Second Ave. |
| DD-II | CANNON MFG. CO., THE Henry Olenhausen, Pres.; M. J. Cannon, Secy.-Treas.; J. E. O'Brien, Jr., Gen. Mgr. | 95½ W. Gay St. |
| N | CAPITAL CITY WIRE WKS. C. Sullivan, Prop.-G. M. | |
| DD-II | CAPITAL DIE, TOOL & MCH. CO., THE R. B. Ralston, Pres.-Treas.; H. L. Gibney, Secy.-Gen. Mgr. | 619 N. Fourth St. |
| P-CC | CASE CRANE & ENGR. CO., THE Paul T. Norton, Pres.-Treas.; H. C. Hoeflich, Secy. | Curtiss & St. Clair Aves. |
| BB-F | CENTRAL FOUNDRY SUPPLY CO., THE J. S. Pell, Pres.; C. E. Whittin, Secy.-Treas. | 825 Reynolds |
| B-DD-II | CENTRAL MACHINE & TOOL CO. Geo. Alber, Pres.-Treas.; Carl Neydon, Secy.-Fcty. Mgr. | |
| EE | CENTRAL OHIO WELDING CO. J. Louis Richter, Prop.-Supt. | 200 East Lynn St. |
| L-TT | CERAMIC ENGINEERING CO., THE W. D. Richardson, Pres.; D. H. Hyde, V. P.; T. W. Garve, S.-T.-P. A. | 2782 N. High St. |
| S | CHASE FDY. & MFG. CO., THE P. A. Myers, Pres.; Guy C. Myers, V. Pres.; S. M. Chase, Secy.-Treas.-Gen. Mgr.; Wm. Flummerfelt, Ch. Engr.; A. A. Hunziker, Gen. Supt.; H. S. Swinehart, P. A. A. J. Dunn, Sales Mgr. | Parsons Ave. & Hocking Valley R. R. |
| B-RR | CHISHOLM-SCOTT COMPANY Thomas A. Scott; S. M. Ryder, Props. | 71 E. State St. |
| H-X | CITY BRASS WORKS G. A. Neumeister, Prop. | 19 S. Scioto St. |
| YY | CLIMAX RUBBER CO., THE I. S. Hoffman, Pres.; H. A. Longshore, V. Pres.; M. E. Swanson, Secy.-Treas. | 417 Citizens Bank Bldg. |
| BB-FFF | COLE, H. CO., THE H. Cole, Pres.; R. E. Cole, Secy.-Treas. | 68 E. Gay St. |

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COLUMBUS, FRANKLIN COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| CC | COLUMBIAN MAIL CRANE CO. W. E. Heskett, Secy.-Treas.; V. S. Klick, Gen. Mgr. | 898 Ingleside Ave. |
| B-F-L-M-DD | COLUMBUS ANVIL & FORGING CO. C. M. Voorhees, Pres.; T. N. Long, V. Pres.-Gen. Fcty. Mgr.; C. M. Wagner, Sec.-C. E.-P. A. L. W. Seymour, Treas. | 115 W. Frankfort Street |
| D-E | COLUMBUS AUTO BRASS CO., THE G. Edwin Smith, Pres.; Clyde Roth, V. Pres.; Thomas Ash, Secy.-Fcty. Mgr.; A. J. Frame, Treas.-Pur. Agt. | 767 N. 4th St. |
| DD-E | COLUMBUS AUTO PARTS CO., THE R. E. Klages, Pres.-G. M.; C. J. Krag, V. P.; E. B. Hoog, Sec.-Treas.; J. B. Mulligan, Fcty. Mgr.; C. W. Walker, Ch. Engr.; R. D. Klages, Pur. Agt. G. A. Stirling, Jr., Prod. Mgr. | 215 E. Russell St. |
| BB-I | COLUMBUS BELTING & SUPPLY CO. J. A. Day, Gen. Mgr. | 77 E. Long St. |
| U-M | COLUMBUS BOLT WKS. CO. J. R. Poste, Pres.-Gen. Mgr.; J. H. Poste, V. Pres.; H. A. Mason, Secy.-Sales Mgr.; O. J. Cherry, Treas.; S. H. Barrett, Fcty. Mgr.-Prod. Mgr.; C. H. Pidgeon, Ch. Engr.-M. M. J. B. Armack, Gen. Supt.; H. J. Zeise (Miss) Pur. Agt. | 162 Randolph St. |
| K-H-X | COLUMBUS BRASS COMPANY C. R. Lindenberg, Pres.; F. H. Lindenberg, V. P.; G. W. Lindenberg, S.-T.-G. M.-P. A.; C. B. De Laney, Gen. Supt. | 538-44 Dublin Avenue. |
| Z | COLUMBUS CONVEYOR CO., THE Samuel T. Isaac, Pres.-Gen. Mgr.; Robert E. Belt, V. Pres.-Secy.-Treas.-Fcty. Mgr.; Earl B. Smith, Gen. Supt.; Porter L. Thompson, Sales Engr. | West Goodale St. |
| FFF | COLUMBUS DENTAL MFG. CO., THE J. W. Champion, Pres.; W. L. Truesdale, Secy.; C. L. Frame, Treas. | Wager & Jackson Sts. |
| A-B-F-DD | COLUMBUS DIE TOOL & MACHINE CO., THE H. H. Price, Gen. Mgr.; M. M. Price, V. Pres.-Treas.; C. C. Moelchert, Secy.-P. A.; M. Bode, Fcty. Mgr.; E. C. Ehrensberger, Ch. Engr.; Fred Rufener, Prod. Mgr.; O. E. Larson, Gen. Supt. | 955 Cleveland Avenue. |
| R | COLUMBUS ELECTRICAL WKS. CO. J. T. Wolfley, G. M.-P. A. | |
| M | COLUMBUS FORGE & IRON CO., THE Foster Copeland, Pres.; F. A. Miller, V. Pres.; D. W. Singleton, Secy.-Treas. | 40 W. 1st St. |
| QQ | COLUMBUS HEATING & VENTILATING CO. G. C. Bowman, Pres.-G. M.; C. L. LaMonte, Sec.-Treas.; Geo. J. Ripple, Fcty. Mgr.-Gen. Supt.; R. M. Spencer, Ch. Engr.; R. G. Reed, P. A. | 425-55 West Town St. |
| S | COLUMBUS LIFT TRUCK CO., THE F. H. Angell, Pres.-Gen. Mgr. | 136 E. Gay St. |
| HH | COLUMBUS McKINNON CHAIN CO. C. M. Wambaugh, Pres.; A. R. Markel, Secy.-Treas.; Daniel Carroll, V. Pres.-Gen. Mgr. | S. 5th & Hosack |
| H-X | COLUMBUS MALLEABLE IRON CO., THE G. H. Thompson, Pres.-Gen. Mgr.; J. R. Cole, V. Pres.; G. A. Johnson, S.-T.-P. A.; Jas. H. Dudgeon, Fcty. Mgr.-Gen. Supt.; T. J. Bryson, Ch. Engr.-Master Mech.; E. A. Green, Prod. Mgr. | Curtis & Jefferson Avenues. |
| BB-I-K | COLUMBUS MILL & MINE SUPPLY CO., THE W. F. Brown, Pres.-Treas.; C. W. Brown, V. Pres.; W. S. Brown, Secy. | 77 N. Front Street. |
| BB-NN-C | COLUMBUS PUMP SUPPLY CO., THE G. H. Strohm, Pres.; O. R. Fenstermaker, Secy.-Treas. | 35 Vine St |
| NN | COLUMBUS STEAM PUMP WKS. CO., THE Jas. M. Pulling, Pres.-Gen. Mgr.-Pur. Agt.; E. L. Pulling, V. Pres.; M. G. Pulling, Secy.; R. Pulling, Treas.-Fcty. Mgr.; H. B. Borneman, Ch. Engr.; James Kuhn, Gen. Supt. | 85 W. Broad St |
| ZZ | COLUMBUS STRUCTURAL STEEL CO. P. L. Schneider, Pres.-Treas.; H. E. Kunzman, V. Pres.-Secy.-Gen. Mgr. Herbert Brooks, Jr., Secy. | Buttles & Ingleside Avenue |
| YY | COLUMBUS TIRE & RUBBER CO. John W. Zuber, Pres.-G. M.; R. M. Fountain, V. P.; J. P. Brennan, Sec.-Treas.; M. J. Miscoe, Fcty. Mgr.; C. E. Board, Pur. Agt.; W. B. Howell, Prod. Supt. | 555 W. Goodale St |

COLUMBUS, FRANKLIN COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| | COLUMBUS-UNION OIL CLOTH CO., THE | Grant & 7th Sts. |
| | R. H. Willcox, Pres.-G. M.-P. A.; H. E. Nesbitt, V. Pres.; O. C. Altmaier, Sec.-Treas. | |
| | W. S. Speilman, Ch. Engr.; J. P. Hardy, Ch. Engr. Fcty. Mgr.; | |
| | T. Gillea, Gen. Supt.; F. L. Mock, Sales Mgr. | |
| QQ | COLUMBUS WASH BOARD CO., THE | 1311 Cleveland Ave. |
| | W. P. Tracy, Pres.; Arthur R. Brown, Gen. Mgr.-Pur. Agt. | |
| EE | COLUMBUS WELDING SHOP | 783 N. Fourth St. |
| | G. F. Wieser, Prop. | |
| N-ZZ | COLUMBUS WIRE & IRON WKS., THE | 540-42 W. Poplar Avenue. |
| | Frank H. Howe, Pres.-Treas.-G. M.; Henry P. Howe, V. P.-Fcty. Mgr.; | |
| | Harold B. Gatch, Secy.; Herbert Valentine, Ch. Engr.; Iva Grooms, P. A. | |
| V | DAYTON TRACTOR CO. | 1619 Highland St. |
| | E. A. Brenneman, Pres. G. M. P. A. Sales; H. Gascho, Secy. | |
| QQ | DRISKEL BENCH CO. | 172 W. Locust St. |
| | Burt Driskell, Prop.-Gen. Mgr.; E. R. Wheeler, Ch. Engr.-Prod. Mgr. | |
| DD | EATON MACHINE CO. | 37 S. Scioto St. |
| | M. Sylvester, Prop.x | |
| XX | EBINGER, D. A. SANITARY MFG. CO., THE | 180 Lucas St. |
| | D. A. Ebinger, Pres.-Treas.; D. H. Ebinger, V. Pres.-Gen. Mgr.-P. A.; | |
| | C. H. Blank, Secy.; A. E. Smith, Ch. Engr.; Al. Tharpe, Prod. Mgr.; | |
| | E. E. Batson, Gen. Supt.; J. Coulter, Master Mech. | |
| BB-X Y Z | ELCON ENGR. CO., THE | 530 Rowlands Bldg. |
| | E. S. Hetrick, Pres. Gen. Mgr. Pur. Agt.; H. S. Schneider, V. Pres.; Franklin L. LeRoy, Secy.; | |
| | H. E. Welk, Treas. Sales Mgr. | |
| H X | ELDER & HENDRY FOUNDRY CO. | 118 Yale Ave. |
| | J. F. Elder, Prop.; A. L. Hendry, Prop. | |
| GGG H X | EMRICH, C. | 371 S. High St. |
| | J. G. Emrich, Prop. | |
| BB-NN-C | FACTORY SALES CO., THE | |
| | J. T. Broughton, Mgr. | |
| E-GGG | FEAZEL MFG. CO., THE | |
| | C. E. Feazel, Pres.-Gen. Mgr.; W. B. Feazel, V. Pres.; D. M. Feazel, Secy.-Treas. | |
| XX | FEDERAL GLASS CO., THE | Innis Ave. and Parsons |
| | J. M. Beatty, Pres.; H. S. Bracken, V. Pres.; M. G. Woodhull, Secy.-Pur. Agt.; | |
| | W. C. Bracken, Treas.; Geo. S. Dunbar, Sales Mgr. | |
| K | FEDERAL MFG. CO., THE | 168 W. Long |
| | L. T. Schofield, Pres.; E. B. Acker, Treas.-Gen. Mgr. | |
| R-GG | FISHER-CHASE MFG. CO., THE | 118 Parsons |
| | H. F. Fisher, Pres.; B. L. Chase, V. Pres.; R. J. Feather, Secy. | |
| GGG-E | FRANCISCO AUTO HEATER CO. | 1016 Mt. Pleasant Ave. |
| | J. B. Francisco, Prop.-G. M.; C. M. Francisco, Sec.-Treas.-P. A. | |
| DD-II | FRANKLIN DIE TOOL CO. | 572 Park |
| | J. F. Cahill, Pres.; E. E. Wirthwein, Asst. Secy.; P. A. Holstein, Supt. | |
| BB-B-C-V-RR | FRICK COMPANY, INC. | 476 N. Park |
| SS | W. M. Tippet, Dist. Mgr. | |
| AAA | GAS PRODUCTS CO., THE | Office 85 N. High St.—Plant 100 N. Skidmore St. |
| | G. S. Butler, Pres.; S. D. Winger, V. Pres.-Gen. Mgr.; J. R. Gobey, Secy.-Treas.; | |
| | A. F. Oresky, Supt. | |
| K | GROENIGER MFG. CO., THE | 500 Clinton Bldg., 8 E. Chestnut St. |
| | Wm. C. Groeniger, Pres.-Gen. Mgr.; J. C. Denton, Fcty. Mgr.-Prod. Mgr. | |
| H-X | GUENTHER FOUNDRY | 108 Liberty St. |
| | Chas. J. Guenther, Prop. | |
| Z | HAMILTON MFG. CO. THE | Schultz Bldg. |
| | W. E. Hamilton, V. P. G. M. P. A.; C. E. Sudler, S. T. Ch. Engr. | |
| QQ | HANSON MFG. CO. | 1242 Penn Ave. |
| | A. L. Hanson, Prop. | |
| SS | HAYDEN AUTOMATIC BLOCK MCH. CO., THE | 891 Michigan Ave. |
| | C. H. Hayden, Pres.; C. H. Minor, V. Pres.-Fcty. Mgr.; N. B. Marple, Secy.-Treas.-G. M. | |

COLUMBUS, FRANKLIN COUNTY, OHIO

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| L-BB-C-NN | HAYS ENGINEERING CO. Harvey G. Hays, Gen. Mgr.; Henry Kelsey, Asst. Gen. Mgr. | 614 Commerce Bldg. |
| B-DD-II | HEARN, J. C. MACHINE WORKS J. E. Hearn; F. R. Hearn, Props. | 115 Vine |
| RR-V | HELD, FRANK TRACTOR THE Frank Held, Pres.-Gen. Mgr.; J. E. Cain, V. Pres.; A. J. Pestel, Secy.; R. A. Clickenger, Tres. | 609 N. 4th St. |
| B | HERMAN FIRE BLDG. MACHINE CO., THE W. H. Herman, Pres.-Treas.-Gen. Mgr.; F. Stanley Crooks, Secy. | 310 Majestic Bldg. |
| H-X | HERTENSTEIN, M. CO., THE M. Hertenstein, Prop.-G. M.; Theo. Aust, Jr., S.-T.-P. A. | 1409 S. High St. |
| H-X | HOUGHTON MALLEABLE CASTINGS CO., THE Ira L. Houghton, Pres.-Gen. Mgr.; Robt. J. Thomas, V. Pres.; Frank S. Lewis, Secy.; Frank P. Kennison, Treas. | 966 Spitzer Bldg. |
| BB-R | HUGHES & PETERS ELEC. CO., THE J. L. Hughes, Pres.-Gen. Mgr.; H. W. Peters, V. Pres.; J. T. Hughes, Secy.-Treas. | 104 E. Long St. |
| DD | IMMEL, JOHN & SONS CO., THE R. H. Immel, Pres.-Gen. Mgr.; A. H. Johnson, V. Pres.; A. F. Beck, Treas.; M. P. Wilson, Secy. | 35 E. Livingston |
| SS-CC | INTERNATIONAL DERRICK & EQUIP. CO., THE Gordon Battelle, Pres.-Treas.; H. M. Runkle, V. Pres.-Gen. Mgr.; O. E. Stevenson, Secy.; R. R. Bloss, Ch. Engr.; W. B. Tobin, Prod. Mgr.; R. W. Mitchell, Pur. Agt. | 186 E. Broad St. |
| D-E | INTER-STATE SIGNAL MFG. CO. Carl Brown, Prop.-G. M. | 202 N. Grant Ave. |
| H-X | IRON PRODUCTS CO., THE G. C. Bowman, Pres.; H. M. Henderson, Secy.-Gen. Mgr.-Pur. Agt.; C. L. La Monte, Treas.; Edward Kirby, Fcty. Mgr. | 417 W. Spring St. |
| SS | JAEGER MACHINE CO., THE G. Jaeger, Gen. Mgr.; Wm. B. Simpler, Sales Mgr. | 520 Dublin Ave. |
| B-K-S-Y-Z-CC R-SS-QQ | JEFFREY MFG. CO., THE J. A. Jeffrey, Pres.; S. B. Belden, V. Pres.; Dir. of Sales; J. W. Jeffrey, V. Pres.; R. H. Jeffrey, V. Pres.-Gen. Mgr.; C. W. Miller, Secy.-Treas.; Jos. Dierdorff, Fcty. Mgr.; N. D. Levin, Ch. Engr.; M. W. Hibbard, Ch. Engr.; C. D. Ford, Gen. Supt.; J. D. Davidson, Pur. Agt.; J. H. Fannor, Asst. Pur. Agt.; H. Holliday, Asst. Pur. Agt.; J. H. Flory, Sales Mgr. | |
| YY | JONES HEEL MFG. CO., THE Geo. G. Jones, Pres.-Treas.-Gen. Mgr.-P. A.; E. E. Lerch, V. Pres.; N. Hattenbach, Secy.-Gen. Supt. | Whittier & Park Street. |
| DD-II | KAISER MACHINE WORKS Oscar F. Kaiser, Prop. | 31 W. Mound St. |
| SS-RR-S | KILBOURNE & JACOBS MFG. CO., THE F. A. Jacobs, 1st V. Pres.; J. R. Kilbourne, V. Pres.-Gen. Mgr.; F. C. Eaton, Treas.; H. B. Hileman, Asst. Gen. Mgr.; C. E. Roth, Secy.-Asst. Treas. | E. Lincoln |
| QQ | KINNEAR MFG. CO., THE Louis R. Hildreth, Pres.-G. M.; E. H. McCloud, V. Pres.; O. S. Larkly, Secy.; G. D. Myers, Treas. | |
| MM | KINNEL P. H. (Prop) | 795 Beech St. |
| ZZ | KRUMM, MARTIN COMPANY, THE Martin Krumm, Pres.; Mary E. Krumm, V. P.; Ruby Krumm, Secy.; Howard L. Krumm, Treas.-G. M.-Supt. P. A. | 330 S. 4th St. |
| QQ | LAMBERT METAL DOOR CO. B. E. Lambert, Prop. | 162 W. Noble |
| QQ | LAMNECK, W. E. CO., THE W. E. Lamneck, Pres.-G. M.-P. A.; M. B. Armstrong, V. P.; A. P. Lamneck, S.-T.-S. M.; C. J. Holub, Fcty. Mgr.; R. M. Tremain, Asst. P. A. | W. 5th Ave. |
| YY | LANCASTER TIRE & RUBBER CO., THE F. A. Miller, Pres.; E. E. Lerch, V. Pres.; O. H. Williams, Treas.; J. L. Porter, Secy.; J. B. Nonnenmacher, Asst. Treas. | Gugle Bldg |
| DD-II | LEUKART, J. MACHINE CO. W. J. Leukart, Prop.-G. M.-P. A. | 40 E. Columbus St |
| DD-R | LITTERS MOTOR MACHINE SHOP F. A. Litters, J. B. Litters, Props. | 240 N. 4th Street |

COLUMBUS, FRANKLIN COUNTY, OHIO

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| E | LOOMIS-BEARDSLEY MFG. CO., THE R. W. Loomis, Pres.-Gen. Mgr.; G. E. Richard, V. Pres.; E. G. Evans, Secy.; W. E. Evans, Treas.-Sales Mgr. | 1112 Mt. Vernon Ave. |
| H-X | LOUDENSLAGER, H. FDY. CO. Mrs. Minnie Loudenslager, Pres.; H. Loudenslager, Treas.-Gen. Mgr.-Pur. Agt.; Frank Johnness, Prod. Mgr. | 465 S. Canal St. |
| DD | LOWE BROS. MCH. & ENGINE WKS. W. D. Lowe, L. E. Lowe, Props. | 200 W. Mound St. |
| YY | MANHATTAN RUBBER MFG. CO. Information withheld. | Gugle Bldg. |
| RR-V | MARVEL TRACTOR CO., THE E. J. Fox, Secy. | 70 N. High St. |
| K | MAUGHLIN, H. R. CO., THE H. P. Maughlin, Pres.; E. G. Robinson, Secy.-Treas.; E. R. Dunn, Pur. Agt. | 515 W. 1st Ave. |
| F | MELVIN BROS PATTERN WKS. E. O. Melvin, Pres.-Treas.-P. A.; O. L. Melvin, Secty.-Fcty. Mgr. | 47 Scioto St. |
| B-TT | MILLER MACHINE & MOLD WKS. Edw. Miller, Pres.-G. M.-P. A.; A. G. Doll, Secy. Treas.; F. Ergler, Fcty. Mgr. | 709-19 Ann St. |
| B-DD-II | MODERN TOOL & DIE CO., THE C. A. Deibel, Pres.; J. E. Cain, Gen. Mgr. | 220 N. 4th St. |
| ZZ | MORRIS, C. E. CO., THE C. E. Morris, Pres.-Treas.; W. B. Morris, V. Pres.; L. E. Morris, Secy. | 139 E. Third Ave. |
| VV | NEW FAVORITE MFG. CO., THE E. R. Jones, Pres.; W. A. Westerman, Treas. | 183 W. Maple |
| B | NEW SYSTEM MFG. CO., THE George H. Harkrader, Pres.; C. C. Aydelott, V. Pres.; Chas. M. Anderson, Secy.-Treas.; Leslie M. Brown, Gen. Mgr. | 532 N. High St. |
| C-EE | NICKLAUS BOILER WORKS J. A. Nicklaus, Prop.-Supt. | 473 W. Poplar Ave. |
| B | NORRIS MFG. CO. Geo. E. Norris, Prop. | 1424 E. Cherry St. |
| H-X | NORTH SIDE FDRY. C. D. Strong, Jno. J. Rees, Props. | 537 Collins Ave. |
| D | OHIO BADGE CO., THE A. J. Shepard, Pres.; L. E. Andrews, V. Pres.; Ray Shepard, Secy.;-G. M. Fcty. Mgr.-P. A. V. T. Slagle, Treas. | 274½ High St. |
| Z-ZZ | OHIO ELEVATOR & MCH. CO., THE J. H. DeVere, Pres.-Gen. Mgr.; L. F. Slater, V. Pres.; H. R. Burton, Secy.-Treas.; I. W. Liebensperger, Supt. | Jefferson & Curtis Ave. |
| | OHIO FIREPROOFING CO., THE W. H. Parks, Pres.-Treas.-Gen. Mgr.; J. L. Murphy, V. Pres.; D. A. Evans, Secy. Bort Wolfe, Fcty. Mgr.; Donald Bort, Pur. Agt.; M. M. Morrow, Sales Mgr. | 8 E. Broad St. |
| H-X | OHIO MALLEABLE IRON CO., THE J. A. Jeffrey, Pres.; J. W. Jeffrey, V. Pres.; C. W. Miller, Secy.-Treas.; G. R. Kittle, Gen. Mgr. | Field Ave. & C. S. & H. Railroad. |
| G-BB-G | OHIO METAL CO., THE Henry Loeb, Pres.-Gen. Mgr.; M. H. Loeb, Sales Mgr. | 131 N. Fourth St. |
| NN-K | OHIO PUMP & BRASS CO. A. R. Benua, Prop. | 900 Oak |
| GGG | OHIO STATE STOVE & MFG. CO., THE W. B. Thomas, Pres.; W. H. Packer, V. P.-Gen. Supt.-P. A.; G. L. Packer, Secy.; M. L. Packer, Treas.-G. M. | Buttles and Ingleside Aves. |
| MM | OHLEN-BISHOP CO., THE H. J. Bradbury, Pres.; W. R. Batcheller, V. Pres.-Gen. Mgr.-Pur. Agt.; L. W. Seymour, Secy.; R. V. Mitchell, Treas.; S. H. Wilson, Fcty. Mgr.; Bruce Lucas, Asst. Pur. Agt. | Factory & Ingleside Sts. |
| C | OKEY MFG. CO. Perry Okey, Prop. | W. Naghten & Water |
| BB-I-PP | OSBORNE & SEXTON MCHY. CO., THE J. J. Sexton, Pres.-Gen. Mgr.; G. L. Mooney, V. Pres. & Treas.; Ludwig Hiatt, Supt. | N. 4th & Russell Sts. |

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| D-BB-D | PALMER-DONAVIN MFG. CO., THE Fred L. Palmer, Pres.-Sales Mgr.; C. V. Price, Secy.; Geo. B. Donavin, Treas. Gen. Mgr.; H. E. Stein, Gen. Supt. | 78 E. First Ave. |
| GGG | PEERLESS STOVE & MFG. CO. F. M. Beverly, Prop. | 820 Scott St. |
| E-N | PHELPS MFG. CO., THE H. C. Phelps, Pres.; L. N. Reif, Secy.-Treas.-C. G. Geyer, Gen. Mgr. | 2016 S. High Ave. |
| G | PITTSBURGH TIN PLATE & STEEL CORP. Samuel L. Black, Pres.; A. V. Somers, V. P.-Sec.-Treas.; O. G. Toner, Secty. | |
| BB-I-K | PLUMBERS & FACTORY SUPPLY CO., THE Wm. E. Mettle, Pres.-Treas.-Gen. Mgr.; Chas. L. Tisdall, V. Pres.-Pur. Agt.; C. A. Will, Secy.-Sales Mgr. | 31 E. Spring St. |
| H-X | POULTIN, WM. Wm., Poulton, Prop. | 15 S. Scioto St. |
| GGG | QUAD STOVE MFG. CO., THE Geo. B. Donavin, Pres.-Gen. Mgr.; C. V. Price, Secy.; Fred L. Palmer, Treas.; H. E. Stein, Gen. Supt. | 78 E. First Ave. |
| S | RALSTON STEEL CAR CO., THE F. E. Symons, Pres.-G. M.; F. A. Livingston, S.-T.; B. C. Hanna, Ch. Engr.; Wm. Alexander, Fcty. Mgr.; J. J. Frank, P. A.; H. E. Grashel, Asst. P. A.; C. L. Fox, Asst. Fcty. Mgr.; E. B. Furry, Asst. Fcty. Mgr.; O. K. Shurtz, M. M. | 293 E. 19th St. |
| R | RAMEY MFG. CO. THE E. J. Ramey, Pres. G. M. P. A.; M. M. Swepton, S. T.; L. S. McKnight, Gen. Supt. | 8-16 Livingston Livingston Ave. |
| GGG | RED E. CO. Information withheld. | 1001 Hayden Bldg. |
| BB-I-PP | REEVES MCHY. CO. J. F. Reeves, Prop. | 17 E. Rich St. |
| DD-II | REX DIE & TOOL CO. Geo. F. Bigler, Supt. | 272 N. 3rd |
| MM | REYNOLDS BROS. Wm. Reynolds, Prop. | N. Water & Spring Sts. |
| GGG | ROLFE HEATER MFG. CO., THE H. L. Rolfe, Pres.-Gen. Mgr.; R. W. Laylin, Treas.; J. L. Reed, Secy. | 222 N. 4th St. |
| BB-I-K | ROSS-WILLOUGHBY CO., THE W. W. Ross, Pres.; Horace Willoughby, V. Pres.; J. L. Reed, Secy.; J. P. Davis, Treas.; C. E. Davis, Mgr. | 180 N. 3rd St. |
| N-K | SAFETY WIRE GAS GLOBE CO., THE W. H. Budd, Pres.; S. B. Crosson, V. Pres.; W. A. Vause, Secy.; F. O. Ackers, Treas.-G. M.; E. H. Binns, Prod. Mgr. | 44 E. Chestnut St. |
| H-X | SCHMITT BRASS FDY. CO., THE G. M. Schmitt, Pres.; Edw. Schmitt, V. Pres.-G. M.-Fcty. Mgr.; G. W. Schmitt, S.-T.-P. A. | 459 Parsons Ave. |
| DD | SCHREINER, FRANK W. Frank W. Schreiner, Prop. | 427 N. Park |
| BB-I-K | SCIOTO VALLEY SUPPLY CO. L. C. Huesmann, Pres.; W. W. Ross, V. P.; J. L. Reed, Secty.; J. P. Davis, Treas. | |
| U | SCOTT, J. E. CUP CO., THE J. E. Scott, Treas.-Gen. Mgr. | 164 W. Naghton |
| E-C-NN | SEAGRAVE CO., THE Julius E. Stone, Pres.; H. B. Spain, V. Pres.-Gen. Mgr.; Catharine Cohen, Secy.-Treas.; Wm. E. Lee, Fcty. Mgr.-Gen. Supt.; H. M. Havens, Ch. Engr.; C. S. Greenlee, P. A.; H. B. Shattuck, Sales Mgr. | South High St. |
| BB-I-PP | SEIFREAT-WOODRUFF CO., THE Christ Seifreat, Pres.; E. C. Elsted, V. Pres.-Treas. | 1101 Madison Ave. |
| BB-C-R | SHARTLE MCH. CO., THE G. W. Shartle, Pres.-Gen. Mgr. P. A.; H. Cochran, V. Pres.; I. L. Rogers, Secy.-Treas. | 359 Dublin Ave. |
| F | SHIELDS PATTERN WKS. Charles J. Shields, Prop.-Supt. | 86 W. Lynn St. |
| H-X | SHILLING FOUNDRY CO., THE Fred Shilling; Dan Shilling; Clarence Shilling. | |

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| H-X | SIMPLEX FOUNDRY CO. F. E. Lucas, Prop.-G. M. | 333 Denison Ave. |
| F | SIMPSON, ROBERT D. CO. R. Simpson, Prop.; G. F. Leonhart, Supt. | 136 E. Gay St. |
| KKK | SMITH SCALE CO., THE R. H. Beaton, Pres.; A. E. Hanstel, Gen. Mgr.; N. S. Ewing, Supt. | 95 W. Gay St. |
| D-QQ | SOLAR-STURGESS MFG. CO. G. R. Le Sauvage, Pres.; Paul Armitage, V. Pres.; A. Douglas, Secy.; A. C. Rollen, Treas.; E. C. Camp, Asst. Treas. | 470 E. Starr Ave. |
| U | STANDARD BOLT CORP., THE Justin Burns, Pres.-Gen. Mgr.; Harley E. Burns, V. Pres.-Secy.; R. R. Vance, Treas.; | Clinton St. & Big Four R. R. |
| DDD | STANDARD ELEC. TIME CO., THE R. C. Grant, Dist. Mgr. | 421 1st Nat'l Bank Bldg. |
| B-DD-II | STANDARD MCH. & TOOL CO. Thos. Long, Prop. | 164 W. Naughton St. |
| E-R | STITT IGNITION CO., THE Harvey C. Garber, Pres.; B. F. Stitt, V. Pres.; M. H. Spung, Secy.-Treas.-P. A.; D. Buel, Gen. Mgr.-Fcty. Mgr.; F. Flink, Ch. Engr.; H. E. Ellis, Prod. Mgr. | 16 E. First Avenue. |
| R-D-QQ | SUN MFG. CO., THE A. Brenholts, Pres.; T. A. Morton, V. Pres.-Treas.; C. S. Watt, Secy.-Sales. Mgr.; H. L. Douglass, Gen. Supt.; John B. Morton, Pur. Agt. | Lorain & McKinley Avenues. |
| B-DD-II | SUPERIOR DIE, TOOL & MCH. CO. F. A. Field, Prop.-Gen. Mgr.; August Holstein, Prop.-Supt. | 525 Buttles |
| R | SUPERIOR TELEPHONE MFG. CO. I. M. Garfinkel, Prop. | 48 S. Front |
| VV | SWASH MOTOR WASHER CO. J. B. Gaston, Mgr. | 493 W. Broad |
| L-ZZ | TARRIER STEEL CO., THE Fred A. Tarrier, Pres.-Gen. Mgr.; W. E. Curran, V. Pres.-Ch. Engr.; A. F. Butler, Secy.; Oscar Kibele, Jr., Treas.; Clarence Raymond, Fcty. Mgr. | 38 S. 6th St. |
| DD | THURMAN MACHINE CO. M. W. Thurman, Prop.; W. A. Stallman, Prop. | 53 E. Lafayette. |
| L-B-DD-II | TIFFT-MARTIN CO., THE Geo. E. Tift, Jr., Pres.-Gen. Mgr.; Ray. W. Martin, V. Pres.-Secy.-Fcty. Mgr.; M. M. Tift, Treas. | 9 Poplar Ave. |
| E | TIMKEN ROLLER BEARING CO. D. P. Hess, Gen. Mgr.; R. L. Matchett, Prod. Mgr.; Wm. Fowler, Gen. Supt.; A. E. Yates, Master Mech. | 1025 Cleveland Ave. (Branch Canton, O.) |
| YY | TRUE BLUE DRUG & RUBBER CO., THE P. M. Sarver, Pres.; I. A. Carr, Secy.-Treas. | 1030 E. Long |
| C | UNION BOILER WKS. L. M. Borger, Prop. | W. Goodale St. & Hocking Valley R. R. |
| D-RR | UNION FORK & HOE CO., THE E. Z. Cole, Pres.; G. B. Durrell (Cleveland) V. Pres.; Gen. Mgr.-Treas.; T. F. Connors, Secy. | 500 Dublin |
| YY | UNITED STATES WRINGER MFG. CO. Chas. W. Lentz, Pres.-Treas.-Gen. Mgr.; M. M. Lentz, Secy. | 218 N. 4th St. |
| RR | UNIVERSAL MILKING MCH. CO., THE J. A. Schmitt, Pres.-G. M.-Prod. Mgr.; R. J. Stevens, V. Pres.; E. B. Shurts, Secy. Sales Mgr.; B. F. Beatty, Treas.-Pur. Agt. | Goodale & Michigan Ave. |
| QQ | V. W. VENTILATOR CO., THE Jos. C. Goodman, Pres.; C. M. Shigley, Secy.-Treas.-Gen. Mgr.; E. T. Spillman, Fcty. Mgr. | 101 N. High St. |
| GGG | VAPOR GAS BURNER CO., THE S. S. Swanson, Secy.-Treas. | 278 S. Front. |
| F | VICTOR PATTERN WORKS G. V. Haering, Prop. | 427 N. Park St. |
| NN | WEINMAN PUMP MFG. CO., THE W. N. Weinman, Pres.; P. W. Holstein, V. Pres.; H. L. Bachman, Secy.; Geo. A. Shonting, Treas. | 274 Spruce St. |

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| BB-SS | WILLIAMS, W. W. CO., THE W. W. Williams, Pres.; C. L. Stith, V. Pres.; R. K. Ward, Secy.; Clark Elliott, Treas.-Gen. Mgr.; C. E. Reynard, Gen. Supt. | 509 Brunson Bldg. |
| XX | WINSLOW GLASS CO., THE J. P. Winslow, Secy. | Markison Ave. |

CONNEAUT, ASHTABULA COUNTY, OHIO

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| A-B | BURKE MACH. TOOL CO., THE G. H. Burke, Pres.-G. M.; Harry Rockwell, Gen. Supt.; J. D. Parker, Sales Mgr.-P. A. | |
| D-RR | CONNEAUT SHOVEL CO., THE G. W. Benton, Pres.-G. M.-Treas.; J. T. Grant, V. P.; C. J. Welsh, Secty.-P. A.; A. S. Benton, Ch. Engr.; J. M. Denning, Gen. Supt.-Prod.; E. A. Weber, M. M. | |
| R | CONNEAUT METAL WORKS CO. W. Lumley, Pres. G. M. Supt. P. A.; M. Bennett, V. Pres. A. B. Wilson, Secy. Treas. | Main Street |
| A-B | CRAFTSMAN TOOL CO., THE A. W. Pelton, Pres.; H. C. Leavitt, V. P.; J. W. Beardsley, Secty.-G. M.; F. D. Sawdey, Treas.; J. W. Beardsley, P. A.-Fcty. Mgr.; F. A. Gross, Ch. Engr.-M. M. | |

CORTLAND, TRUMBULL COUNTY, OHIO

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| LL | CORTLAND STEEL TUBE CO., THE B. G. McCurley, Pres.; L. A. Hausen, V. P.-Fcty. Mgr.; Ben F. Spencer, S.-T. | |
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COSHOCTON, COSHOCTON COUNTY, OHIO

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| | BEACH, H. D. CO., THE H. L. Beach, Treas.-G. M.-P. A. | |
| XX | CLOW, JAS. B. & SON | (See Newcomerstown). |
| GG | HUNT-CRAWFORD CO., THE R. T. Hunt, Pres.-G. M.; C. B. Hunt, V. P.; H. B. Hunt, S.-T.-P. A.; Lewis Gephart, Fcty. Mgr. | 14th & Orchard Streets. |
| DD-H-X | KEAGY & LEAR MCH. CO., THE S. M. Lear, Pres.-Fcty. Mgr.-P. A.; J. D. Wisenburg, V. P.; Joseph Keagy, Secty. G. M. Supt.; Chas. S. Parks, Ch. Engr.; G. H. Bible, Prod. Mgr.; Ralph Wisenburg, M. M. | |
| H-X | KING, W. H. King, W. H., Prop. | |
| YY | MIDLAND TIRE & RUBBER CO., THE Dr. H. R. McCurdy, Pres.; C. M. Christenson, Secy.-Treas. | Cambridge St. |

CRESTLINE, CRAWFORD COUNTY, OHIO

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| NN | CRESTLINE MFG. CO., THE Information withheld. | |
| RR | INTERNATIONAL MFG. CO., THE Information withheld. | |
| GGG | SCHILL BROTHERS CO., THE Frank Miller, Pres.; Paul Hayes, V. P.-Treas.; W. D. Cover, Secty.-G. M.; D. Davidson, Ch. Engr.; Leo. E. Weaver, P. A.; Roy Smith, Gen. Supt. | 302 Mansfield St. |

CURTICE, OTTAWA COUNTY, OHIO

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| DD-II | CURTICE TOOL & DIE CO. Information withheld. | |
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CUYAHOGA FALLS, SUMMIT COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| Y-DD-H-X | FALLS CLUTCH & MCHY. CO., THE G. A. Irvin, Gen. Mgr.-P. A.; H. P. Dey, Secty.-Ch. Engr.; W. J. Irvin, Supt. | Portage St. |
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DAYTON, MONTGOMERY COUNTY, OHIO

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| P | A. C. ELECTRIC MFG. CO., THE C. H. Bosler, Pres.-Treas.-Gen. Mgr.; L. Dow Cronninger, V. Pres.-Ch. Engr.; Barrett Bosler, Secy.-Pur. Agt.; R. S. Hicks, Fcty. Mgr.; C. F. Eminger, Sales Mgr. | 4th St. U. B. Power Building |
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| K | AMERICAN HARDWARE CORPORATION Arthur G. Glover, Resident Mgr. | 210 N. Keowee. |
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| S | AMERICAN RAILWAY EQUIP. CO., THE D. B. Whistler, Pres. Treas.; E. L. Reed, V. Pres. Secy. | 2nd & Main Sts. |
| L | APPLE, VINCENT G. RESEARCH LAB. Vincent G. Apple, Prop. | 4th St. U. B. Bldg. |
| DD-II | ARNOLD TOOL MFG. CO., THE. R. C. Kuhns, Pres.; V. E. Rice, Secy.-Treas. | 205 W. Edgewood Ave. |
| UU | ATLAS RUBBER & BELTING CO. Information withheld. | 115 S. Ludlow. |
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| F | BUCKEYE PATTERN WORKS M. L. Hahn, Pres.-Gen. Mgr.; F. O. Hiller, V. Pres.-Fcty. Mgr. | 303 Valley St. |
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| D | CONSOLIDATED MFG. CO. Jos. Meyer, Prop. | 28 N. Canal St. |
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| YY | DAYTON RUBBER MFG. CO., THE John A. MacMillan, Pres.-Gen. Mgr.; C. E. Hooven, V. Pres.-Secy.; Robt. F. Brown, Treas.; A. L. Freedlander, Fcty. Mgr.; H. S. Moosadian, Gen. Supt.; Phil Haus, Master Mech.; R. C. Hunter, Pur. Agt.; Claude Opdyke, Asst. Pur. Agt. | |
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| | DOMINANT MFG. CO., THE Jos. Brook, Pres.; Harry Goodman, V. Pres.; D. H. Brook, Secy.-Treas. | 132 E. 4th St. |
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| DD-II | EDGAR TOOL CO., THE A. A. Edgar, Pres.; H. E. Bratt, V. Pres.; O. H. Landersieck, Secy.-Treas. | 650 S. Main St. |
| Y | EDGEMONT MACHINE CO., THE W. P. Coffman, Pres.; O. B. Coffman, Secy.; J. I. Coffman, Treas.-Pur. Agt. | |
| DD-II | EFFICIENCY TOOL CO., THE Wm. H. Carroll, Pres.; Edward Glaser, V. Pres.; Thomas Gibson, Secy.; Wm. H. Jeans, Treas. | 823 Richard |
| III | EGRY REGISTER CO., THE M. C. Stern, Pres.; Elmer Rauh, V. Pres.-Fcty. Mgr.; Lawrence Rauh, Secy.-Treas.; Milton C. Stern, Gen. Mgr.; H. Tinnerman, Gen. Supt.; L. M. Smith, Pur. Agt. | E. Monument Ave. |
| EE | ELECTRIC WELDING COMPANY L. F. Perkins, Prop.; Geo. Wolfe, Prop. | 504 S. Main St. |
| | ELECTRIC CHEMICAL CO., THE E. E. Niswonger, Pres.; D. R. Niswonger, V. Pres.; S. G. Sheller, Secy.-Treas. | 111 W. Court |
| DD-II | EMPIRE TOOL CO., THE A. M. Ibaugh, Pres.-Gen. Mgr.; W. S. Taylor, V. Pres.; C. B. Kinzig, Secy.-Treas. | 701 E. 1st St. |
| | ENGINEERING SUPPLY CO., THE W. E. Baker, Pres.; O. T. Kreusser, V. Pres.; C. B. Hoffman, Secy.-Treas. | 2nd & Main Sts. |
| DD-II | EUREKA TOOL & DIE CO., THE L. O. Shank, Pres.; G. J. Capaliski, V. Pres.-Gen. Mgr.; C. E. Monnier, Secy.-Treas.-Supt. | 35 St. Clair Ave. |
| L | FARRELL, STONEHAM ENGR. CO., THE J. P. Farrell, Pres.-Gen. Mgr.; W. A. Stoneham, Secy.-Treas. | Dakota & Mathison |
| F | FEDERAL PATTERN WORKS W. L. Julien, Prop.; Thos. Mitchell, Prop. | 24 N. Cana |
| B-DD-II | FEDERAL TOOL & MACHINE CO., THE W. A. Stoneham, Pres.; J. P. Farrell, Treas.-Gen. Mgr.; W. G. Pickrel, Secy. | Dakota & Mathison |
| B-DD-II | FERNWOOD MFG. CO., THE C. F. Kuhls, Pres.-Gen. Mgr.; H. C. Kuhls, V. Pres.; H. W. Kuhls, Secy.-Treas. | 719 N. Main St. |
| R | FLETCHER MFG. CO., THE John R. Fletcher, Pres.; Geo. W. Chaffin, V. Pres.; Gen. Supt.-Pur. Agt. | Md. & Canal St. |
| D | FOGARTY MFG. CO., THE W. J. Fogarty, Pres.-Gen. Mgr.; N. M. Stanley, V. Pres.; D. N. Davis, Secy.; G. F. Stanley, Treas.-Sales Mgr. | |
| DD-II | FOUR "L" MACHINE WORKS A. L. Beal, Prop.; R. L. Angell, Prop.; T. L. Beal, Prop.; J. L. Kine, Prop. | 823 E. Richard St. |
| | FYR-FYTER CO., THE R. C. Iddings, Pres.-Gen. Mgr.; G. N. Lingham, V. Pres.; A. S. Iddings, Secy.; D. W. Iddings, Treas.; J. E. Bowman, Fcty. Mgr.-Gen. Supt.; J. F. Story, Pur. Agt.; E. R. Conrad, Sales Mgr. | 221 Crane St. |
| DD-II-T | GARRISON MACHINE WORKS O. Garrison, Prop. | 22 S. St. Clair St. |
| H-X | GARTLAND HASWELL RENTSCHLER FDY. CO. Gordon S. Rentschler, Pres.; M. F. Gartland, V. Pres.; John C. Haswell, Secy.-Treas.; F. A. Schneider, Gen. Mgr. | 1030 E. Herman Ave. |
| C | GEM CITY BOILER CO., THE T. E. Tucker, Pres.; A. H. Kemper, V. Pres.-G. M.-P. A.; W. H. Durkin, Secy.-Treas.-Ch. Engr.; C. F. Clemens, Fcty. Mgr.-Gen. Supt. | 1277 Leo Street |
| Z | GEM CITY ELEVATOR WORKS John Cunningham, Prop. | 612 E. Washington |
| UU | GEM CITY LEATHER BELTING CO. John Deremo, Prop.; Jacques Lang, Prop. | 310 S. Wayne Ave. |
| F | GEM CITY PATTERN WORKS Henry J. Kastner, Prop. | 26½ N. Canal St. |
| GGG | GEM CITY STOVE CO., THE A. M. Gummer, Pres.; C. H. Gummer, V. Pres.; A. J. Conover, Secy. | 508 S. Linden Ave. |
| L | GENERAL MOTORS RESEARCH CORP. C. F. Kettering, Pres.; E. Kramer, Gen. Mgr.; R. H. Burner, Pur. Agt.; W. H. Speedel, P. A. | Box No. 745 |

DAYTON, MONTGOMERY COUNTY, OHIO

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| B-DD-II | GENERAL TOOL & MCH. CO., THE B. H. Ziehler, Pres.; O. A. Miller, V. Pres.-Treas.; C. J. Osterday, Acting Secy.; Thos. H. Cashatt, Gen. Mgr. | 2nd & Main Sts. |
| GG | GERSTNER, H. & SONS Herman Gerstner, Prop.; Harry H. Gerstner, Prop.; David F. Gerstner, Prop. | Cinti. & Columbia |
| DD-II | GLOBE TOOL & ENGR. CO., THE H. F. Detzel, Pres.; A. E. Shively, Secy.-Treas. | 14 N. Canal St. |
| C-ZZ-K | GRAVES & MARSHALL CO., THE George L. Marshall, Pres.; Geo. W. Marshall, V. Pres.-G. M.-Pur. Agt.-Sales Mgr.; Gaylord L. Marshall, Secy.-Treas.-Asst. Pur. Agt.; A. W. Hooand, Fcty. Mgr.; George Holland, Ch. Engr. | 716 E. Monument Avenue |
| DD | GREEN ENGR. COMPANY Carl R. Green, Prop. | S. Main St. |
| | GRETHER FIRE EQUIPMENT CO. Wm. G. Grether, Prop. | 312 E. 2nd St. |
| EE | GROSS, H. A. H. A. Gross, Prop. | 41 St. Clair St. |
| K | HAAS, PHILIP CO. Phillip Haas, Prop. | 123 N. Webster |
| B | HAWKER, W. S. MFG. CO. W. S. Hawker, Prop. | 458 E. Bacon St. |
| H-X | HOBAN BRASS FOUNDRY CO. John P. Hoban, Jr., Gen. Mgr. | 44 S. Wyandot |
| EE | IDEAL WELDING CO., THE John D. Kerr, Pres.; Albert H. Sharrer, Secy.; Eugene F. O'Neil, Treas. | 344 S. Main St. |
| | INDUSTRIAL PRODUCTION ENGR. CO., THE Frank Walter, Pres.; W. J. Schneider, V. Pres.; Wm. Watson, Secy.; Wilbur Kraft, Treas. | 33 E. Greenwood |
| DD-II | INDUSTRIAL TOOL, DIE & ENGR. CO., THE E. A. Stier, Pres.-Treas.; G. D. Ludington, Secy. | 322 E. 5th St. |
| TT | INTERNATIONAL CLAY MCHY. CO., THE | (See Bahmann Iron Works Co.) |
| B | INTERNATIONAL SOAP MCHRY CO. A. H. Lammers, Pres.-Treas.; H. E. Wurlitzer, V. Pres.; H. V. Metzel, Secy. | 24 N. Jefferson |
| KKK | INTERNATIONAL SCALE CO., THE Information withheld. | 315 Canby Bldg. |
| S-CC-QQ | JOYCE-CRIDLAND CO., THE Wm. F. Bippus, Pres.-Treas.; J. M. Switzer, V. Pres.; H. W. Pearce, Secy.; C. W. Ripsch, Ch. Engr.-Gen. Supt.; J. W. Osborn, Pur. Agt.; Lloyd Weeks, Asst. P. A. | 333 Linden Ave. |
| L | KELSO, CHAS. M. COMPANY C. M. Kelso, Pres.; F. B. Steele, V. Pres. | 1065 Riebold Building |
| BB-I-Y-UU | KLINGER-DILLS CO., THE P. W. Klinger, Pres.-Pur. Agt.; R. T. Dills, V. Pres.-Gen. Mgr.; S. D. Klinger, Secy.-Treas. | 129 N. Jefferson St. |
| DD-II | KNOWLES TOOL MFG. CO., THE Harry Gerstner, Pres.; C. H. Knowles, V. Pres.-Gen. Mgr.; J. F. Stickel, Secy.; Philip Haas, Treas. | 125 N. Webster |
| H-X | KRAMER BROS. FDY. CO., THE Geo. H. Kramer, Pres.-Gen. Mgr.; B. H. Kramer, V. Pres.-Gen. Supt.; E. F. Loges, Secy.-Treas.-Pur. Agt.; Roy D. Fitzgerald, Fcty. Mgr.; E. V. Gilbert, Ch. Engr. | 51 Dell St. |
| H-X-K-DD | KUHNS BROTHERS G. F. Kuhns, Wm. N. Kuhns, H. B. Kuhns, W. L. Kuhns, Props. | Eaton and Euclid Aves. |
| DD-II | LANG, C. W. C. W. Lang, Prop. | 105 S. Perrine St. |
| BB-I-PP | LARKIN, M. D. SUPPLY CO. M. D. Larkin, Pres.-Treas.; Carl Woessoner, Gen. Mgr.-Pur. Agt.-Sales Mgr. | 501 E. 3rd St. |
| A-B-L-DD-II | LARKIN AUTOMOTIVE PARTS CO., THE D. C. Larkin, Sr., Pres.; D. C. Larkin, Jr., V. Pres.-Gen. Mgr.; F. E. Larkin, Secy.-Treas.; James Dillon, Fcty. Mgr.; C. E. Brown, Ch. Engr.; A. S. Pride, Pur. Agt. | 2001 Home Ave. |
| | LARKIN MFG. CO. M. D. Larkin, Pres.; F. E. Larkin, Secy.-Treas.-G. M.-P. A.; C. L. Hardy, Gen. Supt. | 5th and Stone Sts. |

DAYTON, MONTGOMERY COUNTY, OHIO

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| H-X | • LEGLER-EILERMAN CO., THE T. A. Legler, Pres.-Treas.; B. F. Eilerman, V. Pres.-Secy.; H. C. Haenggi, Ch. Engr. H. J. O'Brien, Pur. Agt. | Bacon St. |
| | LIBERTY TOOL & PRODUCTION CO., THE H. L. Beeler, Pres.-Treas.; M. N. Steele, Secy, Treas. | 26 N. Main St. |
| BB-G-JJ | LLEWELYN, G. W. & CO. G. W. Llewellyn, Prop.; C. C. Hooven, Prop. | 2nd and Main |
| NN-OO | LUCAS-MINER TOOL & PROD. CO., THE J. Westendorf, Pres.; H. Meyers, V. Pres.; J. Frey, Secy.; O. E. Black, Treas.-Gen. Mgr. | 427 Valley St. |
| DD-II | McBARRON-MITCHELL TOOL CO. Wm. H. McBarron, Prop.; J. G. Mitchell, Prop. | 5th & Norwood Ave. |
| L | McCORMICK LABORATORIES CO., THE F. J. McCormick, Jr., Pres. | 612 Schwind Bldg. |
| DD | MADISON MACHINE & REPAIR WKS. G. W. Humphreys, Prop.; G. W. Borchers, Prop. | 17 N. Madison |
| TT | MANUFACTURERS EQUIP. CO., THE J. L. Schroll, Pres.; I. M. Justice, V. Pres.; Wm. H. Sachs, Treas.; E. M. Mahlmeister, Treas.-P. A.; J. C. Wirick, Asst. Secy.-Asst. Treas.; J. W. Worrall, Gen. Mgr. Supt. | Michigan Ave. & Keifer |
| | MANUFACTURERS PRODUCTION CO. Nelson Emmons, Jr., Pres.; H. R. Talbott, V. Pres.-Treas.; J. M. Huffman, Secy.; Howard Beck, Asst. Secy.-Asst. Treas.; J. E. Jones, Managing Director. | 216 N. Main St. |
| | MAST LIGHTNING ROD CO. L. L. Mast; F. L. Mast; C. O. Mast. | 929 Reibold Bldg. |
| R | MASTER ELEC. CO., THE E. P. Larsh, Pres.-Gen. Mgr.-Pur. Agt.; W. R. Clements, V. Pres.; J. A. Wortman, Secy.; H. E. Kline, Treas.; F. H. Johnson, Fcty. Mgr.; E. W. Brockmeyer, Ch. Engr.; | 460 Bacon St. |
| YY | MASTER TIRE & RUBBER CO., THE W. B. Ruston, Pres.; G. H. Witsman, V. Pres.; H. G. Egbert, Treas.; J. T. Nielson, Secy. | Leo & B. & O. Ry. |
| E | MAXWELL MOTOR CORP. Information withheld. | |
| E | MEEKER MFG. CO., THE Geo. Rogge, Pres.; H. F. Rogge, V. Pres.-Treas.-Gen. Mgr.; E. C. Snyder, Secy. | Linden & Huffman Ave. |
| QQ | METALLIC CONSTRUCTION CO., THE A. A. Sherer, Pres.; R. E. Condit, V. Pres.; Albert Davis, Secy. | 20 S. Shawnee |
| H-X-K | MIAMI BRASS FDY. CO., THE Benj. Semmelman, Pres.; Abe Semmelman, V. Pres.-Gen. Mgr.; Blanche, Semmelmen, Secy.-Treas. | 101 S. McDonough |
| DD-II | MIAMI ENGR. CO., THE L. R. Briggs, Pres.; J. F. Hartman, Secy.; Chas. Barton, Treas. | 206 E. 5th St. |
| BB-G | MIAMI IRON & STEEL CO., THE John A. Thiele, Pres.-Treas.; Garret A. Wyatt, V. Pres.; Robert E. Conden, Secy. | 3rd & St. Clair Sts. |
| DD-II | MIAMI TOOL & DIE CO., THE G. E. Keller, Pres.-Gen. Mgr.; Albert Pretziner, V. Pres.; A. F. Diers, Secy.-Treas. | St. Paul & Huffman Aves. |
| F | MIDLAND PATTERN WORKS E. A. Hale, Prop. | 15 N. Madison |
| B-DD-II | MONARCH ENGR. CO., THE F. A. Wagner, Pres.-Gen. Mgr.; E. J. Deville, V. Pres.; F. W. Gruen, Secy. | 240 E. 1st St. |
| B | MONARCH MARKING SYSTEM CO., THE Fred Kohnle, Pres.-Gen. Mgr.; R. C. Kohnle, V. Pres.; E. L. Kohnle, Secy.-Treas.; | 216 S. Torrance |
| B-DD-II | MONTGOMERY TOOL & MFG. CO., THE | 1st & Madison |
| DD-II | MOORE-EASTWOOD MFG. CO., THE N. W. Mearick, Pres.; H. C. Moore, V. Pres.; E. F. Moore, Secy.-Treas. | 114 E. 4th |
| F-H-X | MORNER & SMITH L. M. Morner, Prop.; Chas. D. Smith, Prop. | 8 N. Canal |
| L | MORRISON, W. G. W. G. Morrison, Prop. | 602 Callahan Bk. Bldg |
| III | NATIONAL CASH REGISTER CO., THE J. H. Patterson, Pres.-Gen. Mgr.; J. H. Barringer, 1st V. Pres.-Asst. Gen. Mgr.; H. G. Carnell, 2nd Vice Pres.-Treas.; F. B. Patterson, 3rd V. Pres.-Secy. | Main and "K" Sts. |

DAYTON, MONTGOMERY COUNTY, OHIO

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| M | NATIONAL DROP FORGING CO., THE C. A. Lamb, Pres.; J. D. Chamberlin, V. Pres.; D. C. Anderson, Secy.-Treas. | Harshman & Crane |
| GGG-QQ | NATIONAL FURNACE CO., THE G. L. McHose, Secy.-Treas. | 341 E. 5th St. |
| F | NATIONAL PATTERN WKS. Chas. Schultz, Prop. | 114 E. 4th St. |
| A-B-DD-II | NATIONAL STEEL PRODUCTS CO., THE J. G. Petosky, Pres.; L. M. Heister, V. Pres.-Gen. Mgr.; J. G. Lehman, Secy.-Treas. | 1102 E. Second |
| | NEMETH RESEARCH MFG. CO., THE Harry Fluhart, Pres.; R. E. Buvington, Secy.; E. J. Finke, Treas.; Steve Nemeth, Gen. Mgr. | 1st & Sears |
| B-DD-II | NORTH DAYTON MCH. & TOOL CO., THE A. W. Sensel, Pres.-Treas.; T. B. Herrman, V. Pres.; S. O. Rohlf, Secy. | 126 N. Valley |
| F | NORTH DAYTON PATTERN WKS. F. C. Hennessy, Prop. | 427 N. Valley |
| DD-II | NORTH SIDE TOOL CO., THE Geo. Serapin, Pres.; Wm. A. Thompson, Secy.-Treas. | 17 N. Maryland Ave. |
| NN-K-E | O. K. MFG. CO., THE Chas. H. Rogge, Pres.-Fcty. Mgr.; Joe D. Baughman, V. Pres.; Ethel Rogge, Secy.-Treas.; A. C. Jones, Gen. Mgr.; Carl Dwinell, Prod. Mgr. | 40 Potomac St. |
| BB-G-QQ | OHIO METAL & MFG. CO., THE F. E. McBride, Pres.-Treas.-Pur. Agt.; C. J. Faulkner, V. Pres.-Gen. Mgr.; O. Anderson, Fcty. Mgr.; R. Diemer, Asst. Pur. Agt. | |
| DD-D | OHIO METAL PRODUCTS CO., THE J. H. Dohner, Pres.; S. W. Dohner, V. Pres.; B. E. Dohner, Secy.-Treas. | 39 N. Bates |
| RR | OHIO RAKE CO., THE W. D. Graves, Pres.; J. H. Imus, V. Pres.; Wm. D. Graves, Jr., Secy.-Treas.; O. L. Archer, Asst. Secy. | C. C. C. & St. L. & B. & O. R. R. |
| DD-II | OHIO TOOL COMPANY Ed. Dill, Gen. Mgr. | 650 S. Main St. |
| III | OHMER FARE REGISTER CO. John F. Ohmer, Pres.-Gen. Mgr.; H. B. Ohmer, V. Pres.-Fcty. Mgr.-Gen. Supt.; J. H. Stedman, Secy.; W. B. Farnham, Treas.; F. O. Gray, Ch. Engr.; J. B. Mills, Prod. Mgr.; R. M. Ohmer, Pur. Agt.; R. L. Hubler, Sales Mgr. | Bolander Ave. & Big 4 R. R. |
| BB-I-K-PP | PATTERSON TOOL & SUPPLY CO., THE Wm. B. Patterson, Pres.; Theo. E. Fritch, V. Pres.-Treas.; Wm. R. Kemper, Secy.; F. B. Moorman, Asst. Secy. | 123 E. 3rd |
| R | PEERLESS MOTOR & MFG. CO. F. A. Hahne, Prop. | 310 E. 5th St. |
| OO | PEERLESS TOOL COMPANY W. R. Belleman, Prop.; Andrew Strom, Prop. | 16 N. Canal St. |
| B-DD-II | PERMANENT TOOL & MFG. CO. Elmer W. Kramer, Pres.; J. H. Horstman, V. Pres.; A. B. Horstman, Secy.-Treas.; N. W. Sambeis, Gen. Mgr.-Fcty. Mgr.; Anton Horstman, Ch. Engr. | 816 Highland Ave. |
| NN-K | PLATT IRON WORKS Information withheld. | 303 N. Keowee |
| B | POOLE LINEOGRAPH MFG. CO., THE G. W. Miller, Pres.; Wm. Haas, V. Pres.; W. W. Price, Secy.; Edw. Wiuchert, Treas. | 300 N. Troy |
| YY-R | PREMIER RUBBER MFG. CO., THE Jos. F. Westendorf, Pres.; Wm. F. Grieser, V. Pres.; John Westendorf, Secy. Treas.; Henry Spatz, Gen. Mgr. Pur. Agt.; Fred Moon, Fcty. Mgr. | Edmund St. & B. & O. R. R. |
| YY-XX | PREMIER RUBBER INSULATOR CO., THE Wm. Grether, Pres.; Henry Spatz, Gen. Mgr.; Wm. Greiser, V. Pres.; J. H. Shively, Secy.-Treas. | Michigan Ave. & Elmwood |
| B-DD-II | PROGRESSIVE TOOL & ENGR. CO., THE H. W. Bonbright, Pres. G. M. Fcty. Mgr. P. A.; H. E. Fisher, V. Pres.; S. J. Rosener, Secy. Treas. | 119 Franklin St. |
| DD-E | R. S. MFG. CO. OF KANSAS CITY, MO. Information withheld. | 1101 E. 2nd St. |

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| KKK | RECORDING & COMPUTING MCHS. CO., THE..... W. I. Ohmer, Pres.; H. N. Riehle, Secy.; H. J. Luikert, Treas. | Wisconsin Blvd. & Miami Chapel Road. |
| H-X-E-D-T-DD | RECORDING DEVICES CO., THE..... H. G. Diefendorf, Pres.-Gen. Mgr.; E. F. Brown, Secy.-Treas.; G. F. McClellan, Ch. Engr.; E. J. Kleist, Pur. Agt. | 5th & River |
| DD-II | RELYABLE MFG. CO., THE..... W. J. Fogarty, Pres.-Gen. Mgr.; | Webb and Hydraulic |
| D-DD-II | REPUBLIC TOOL PRODUCTS CO., THE..... F. H. Poppelmeier, Pres.; E. D. Miller, V. Pres.; L. B. Kronauge, Secy. Treas.; C. F. Black, G. M. P. A. S. M. | 300 N. Troy St. |
| L-E | RESEARCH ENGR. CO., THE..... O. H. Spencer, Pres.-Treas.-Gen. Mgr.-Ch. Engr.; E. B. Spencer, V. Pres.; Thos. E. Garster, Secy.; Herman Garner, Fcty. Mgr.-Prod. Mgr.; Rex Sprinkle, Gen. Supt.; Bernard Sassen, Master Mech.; Phillip McDowell, Pur. Agt.; C. J. Weise, Sales Mgr. | 39 Patterson Bldg. |
| B | REX FILM RENOVATOR CO., THE..... R. D. Hanish, Pres.; F. W. Krehbiel, V. Pres.; Geo. Eastman, Secy.; E. R. Mueller, Treas. | 801 Reibold Bldg. |
| R | RICE ELECTRIC DISPLAY CO., THE..... E. E. Rice, Pres.-Treas. | 1001 American Bldg. |
| | RIKE FOLDING BOX CO., THE..... B. I. Rike, Pres.; B. S. Murphy, V. Pres.; Jos. Weil, Secy.; J. R. Klin, Treas.-Supt. | Hartford & Campbell |
| NN-DD | ROBERTS, GEO. J. CO., THE..... Geo. Light, Pres.; Ed. Light, V. Pres.; J. C. Saunders, Secy.-Treas. | 251 E. 2nd St. |
| | ROSS ENGR. CO., THE..... T. H. Ross, Pres.; J. F. Arnold, V. Pres.; V. E. Rice, Secy.; Thos. E. Ross, Treas. | 1183 Reibold Bldg. |
| B | ROTOSPEED CO., THE..... J. A. Oswald, Pres.-Treas.; W. H. Young, V. Pres.-Sales Mgr.; H. P. Marshall, Secy. | Office, Elks Bldg.—Factory, 126 E. 3rd. |
| K | ST. CLAIR MFG. CO., THE..... Louis F. Frantz, Pres.-Pur. Agr.; John D. Hartman, Secy.; Howard E. Beck, Gen. Mgr. | 114 North St. Clair St. |
| DD-EEE | SAUNDERS, JAS. C. CO., THE..... E. L. McCleary, Pres.-Wks. Mgr.; H. L. Orrman, V. Pres.; E. C. Borer, Treas.; A. H. Scharer, Secy. | 22 N. Canal St. |
| | SCHIEBLE TOY & NOVELTY CO., THE..... Wm. E. Schieble, Pres.; H. S. Helmer, V. Pres.; S. Schieble, Secy.; B. B. Schieble, Treas. | 15 E. Ice Ave. |
| BB-I-PP | SEIFREAT-WOODRUFF CO., THE..... Christ Seifreat, Pres.; E. C. Elstad, V. Pres.-Treas. | 20 South Canal |
| B | SEYBOLD MACHINE COMPANY, THE..... Chas. Seybold, Pres.; Wm. L. Valiquette, V. Pres.-Gen. Mgr.; F. K. Barnhart, Secy.-Sales Mgr.; Frank H. Herbst, Treas.; John R. Lehman, Fcty. Mgr.; H. B. Irwin, Pur. Agt. | 813 Washington St. |
| DD-II-FFF | SHEFFIELD MCH. & TOOL CO..... C. E. Watterson, Pres.-Treas.; O. A. Wilke, V. Pres.; H. E. Talbott, Jr., Secy.; A. A. Wilke, Pur. Agt. | 35 S. St. Clair St. |
| N | SHOTT MFG. CO., THE..... J. J. O'Connor, Mgr. | 117 N. Sears |
| MM | SIMMONDS, A. A. & SON CO..... H. R. Simmonds, Pres.-Treas. G. M. P. A.; C. S. Henry, V. Pres.; F. R. Henry, Secy.; F. M. Gloyd, Fcty. Mgr. Gen. Supt. | Summit & Negley Sts. |
| C-K-NN | SMITH GAS ENGR. CO., THE..... E. A. Deeds, Pres.; C. F. Kettering, V. Pres.; H. F. Smith, Secy.; R. M. Chatterton, Treas.-Gen. Mgr.; Earl E. Adams, Ch. Engr. | Br. of Lexington, Ohio |
| H-X | STANDARD FOUNDRY CO., THE..... J. D. Common, Pres.; Geo. H. W. Hottis, V. Pres.; Chas. W. Stephens, Secy.-Treas.; S. P. Greene, Mgr. | Bish Ave. |
| B-DD-EEE | STANDARD MCH. & TOOL CO., THE..... James Saunders, Pres.; O. D. Meals, V. Pres.; P. J. Sheridan, Jr., Secy.; L. J. Harper, Treas. | 320 E. 3rd |
| III | STANDARD REGISTER CO., THE..... J. Q. Sherman, Pres.; Wm. C. Sherman, V. Pres.-Secy.-Treas. | Albany & C. C. C. & St. L. Ry |
| | STANLEY MFG. CO., THE..... G. F. Stanley, Pres.; N. M. Stanley, V. Pres.; M. H. Stanley, Secy.-Gen. Mgr.; H. R. Walker, Treas. | |

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| F | STAR PATTERN WKS. Chas. L. Templeton, Prop. | 322 E. 3rd St. |
| C-NN | STEINER, M. & CO. Max Steiner, Prop. | 242 S. Torrance St. |
| K-II-E | STEMCO ENGR. CO., THE Frank A. Groves, Pres. Gen. Mgr.; Carl A. Lange, V. Pres. Treas. Fcty. Mgr. P. A.; Edgar S. Newlin, Secy.; Walter N. Frank, Ch. Engr. Prod. Mgr.; Walter Meyer, Gen. Supt.; James Kelly, Master Mech. | 2nd & Webb Sts. |
| D-R | THOMAS MFG. CO., THE C. W. Slaigle, Pres.; E. D. Hall, V. Pres.-Gen. Mgr.; R. N. Rumbaugh, Secy.; F. B. Jennings, Treas. | 38 W. 5th |
| F-H-X-E | THOMSON, S. H. MFG. CO., THE S. H. Thomson, Pres.-Gen. Mgr.; R. H. Hummert, Secy.-Treas.; C. T. Burson, P. A. | New Beaver Power Bldg. |
| II-MM | TRIMBACH, GEO. Geo. Trimbach, Prop. | 112 S. Brown |
| | TURNER, JOHN C. CO., THE J. C. Turner, Pres.-Treas.; Alva Black, V. Pres.; J. D. Hartman, Secy.; | |
| NN | VAILE-KIMES CO., THE E. T. Turner, Pres.; L. G. Gerry, Treas.; D. L. Stanze, Secy.-Asst. Treas.; Chas. P. Eisenhower, Wks. Mgr.; J. H. Masters, Ch. Engr.; S. R. Wing, Supt.; A. P. Vogus, Equip. Mgr. | 35 S. St. Clair St. |
| DD-II | VALLEY ENGR. CO., THE C. F. Geiger, Pres. Treas. G. M.; F. C. Geiler, V. Pres. Secy. | 427 N. Valley St. |
| B-DD-II | W. B. W. TOOL CO., THE H. L. Wirshing, Pres.-Treas.; H. C. Braun, V. Pres.-Gen. Mgr.; R. W. Wirshing, Secy. | Main & Bruen |
| L | WALTER ENGR. CO., THE F. L. Walter, Pres.; J. B. Forsythe, Secy.-Treas. | 216 Ludlow Bldg. |
| BB-PP | WAYNE MACHINERY CO. W. L. Doench, Sales Rep. | 130 Xenia Ave.—M. O. Ft. Wayne, Ind. |
| F | WEGLAGE BROS. PATTERN WKS. John H. Weglage, Prop.; Frank Weglage, Prop.; Albert Weglage, Prop. | 351 N. Deeds Ave. |
| BB-R-K | WESTHOUSE ELEC. & MFG. CO. A. J. Reinhart, Dist. Rep. | 1187 Reibold Bldg. |
| EE | WESTWOOD WELDING COMPANY Earl L. Greer, Prop. | 453 N. Kilmer |
| S-II | WIEDEKE, GUSTAV & COMPANY Gustav Wiedeke, Pres.; Otto Wiedeke, Gen. Supt. | 1833 E. Richard |
| QQ | WIESMAN MFG. CO., THE W. A. Wiesman, Prop. | 14 N. Canal St. |
| D | WILSON UTENSIL COMPANY Harry Wilson, Pres.; Geo. Frost, Gen. Mgr.; Carl Wilkie, Fcty. Mgr.; J. Berdos, Sales Mgr. | 431 E. Third St. |
| C | ZIMMERMAN BOILER & TANK CO. Wm. M. Zimmerman, Prop. | Irwin & Big Four Ry. |

DEFIANCE, DEFIANCE COUNTY, OHIO

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| BB-AAA-FF | AIR REDUCTION SALES CO. S. H. Calender. | |
| GG | AMERICAN STEEL PACKAGE CO., THE C. M. Willoch, Pres.; M. D. Campbell, Secy.-Treas. | |
| GG-SS | DEFIANCE BOX CO., THE A. W. Martin, Pres.; J. L. Markley, Secy.-Treas. | |
| A-B | DEFIANCE MACHINE WORKS, THE C. H. Kettenring, Pres.; W. I. Watson, Secy.; C. C. Hoffman, Treas. | |
| E | DEFIANCE MOTOR TRUCK CO., THE C. H. Kettenring, Pres.; J. C. Ayres, V. Pres.-Gen. Mgr.; H. R. Morse, Secy.-Sales Mgr.; J. F. Robertson, Treas.; H. K. Reinoehl, Ch. Engr.; Geo. Rosina, Gen. Supt.; G. N. Bruggner, P. A. | Seneca St. |

DEFIANCE, DEFIANCE COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| D-GG | DEFIANCE PRESSED STEEL CO., THE. E. L. Seither, Pres.-G. M.; Henry Seither, V. Pres.; F. H. Seither, Secy.-Pur. Agt.; E. W. Hoffman, Treas.; E. L. Herbolzheimer, Gen. Supt. | |
| U | DEFIANCE SCREW MACHINE PRODUCTS CO., THE. Sidney Thompson, Pres.-Treas.; B. M. Schrag, V. Pres.; J. J. Sinn, Secy. | |
| D-EE | DEFIANCE WELDING CO., THE. H. D. Bokop, Pres.; F. A. Bokop, Secy.-Treas. | |
| U | K. & Z. AUTOMATIC SCREW CO., THE. C. W. Zeller, Pres.; L. J. Kahlo, V. Pres.-Gen. Mgr.-Fcty. Mgr.-P. A.; F. L. Davis, Secy.-Treas.; Karl Kahlo, Gen. Supt. | |

DELAWARE, DELAWARE COUNTY, OHIO

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| C | COOK MOTOR CO., THE. W. C. Denison, Gen. Mgr.; H. V. Boley, Pur. Agt.; F. Oviatt, Engr.; G. V. Mathews, Supt. | |
| K-M | MAHER PIPE, TONG & WRENCH CO. John Schaaf, Pres.; C. C. Coynes, Secy.; W. E. Borden, Gen. Mgr. | |

DELPHOS, ALLEN COUNTY, OHIO

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| SS | AMERICAN ROAD MCHY. CO., THE. Information withheld. | |
| QQ | DELPHOS MFG. CO., THE. O. T. Rose, Pres.-Treas.; A. S. Perkins, Secy. | |
| VV | RAPID BOTTLE WASHER CO., THE. Walt Parmenter, Pres. (Lima, O.); H. Beckman, Secy.-Treas. | |

DELTA, FULTON COUNTY, OHIO

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| U | DELTA SCREW MCH. PRODUCTS CO. L. A. Alexander, Pres.; H. E. Reed, Gen. Mgr. | |
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DENNISON, TUSCARAWAS COUNTY, OHIO

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| DD | DENNISON FDRY. & MACH. CO., THE. R. Foutz, Supt. PENNSYLVANIA R. R. SHOPS. H. B. Chaffin, Ch. Supt. | |
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DESHLER, HENRY COUNTY, OHIO

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| H-X-DD | DESHLER FDRY. & MACH. WKS. A. A. Suber, Prop.-G. M.-P. A.; John Suber, Fcty. Mgr.-Supt. | |
| D-GG-QQ | DESHLER MAIL BOX COMPANY, THE. S. A. Jones, Pres.-Fcty. Mgr.; N. D. Scott, V. Pres.; F. M. Armstrong, Secy.-Treas.-P. A.; C. Burk, Gen. Supt. | |
| B-VV | DESHLER MFG. COMBANY. Information withheld. | |

DOVER, TUSCARAWAS COUNTY, OHIO

| | | |
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| G-JJ | AM. SHEET & TIN PLATE CO., THE. (Main Office Pittsburgh, Pa.) W. H. Weichsel, Wks. Mgr.-Supt.; R. H. Williamson, Asst. Wks. Mgr.; Otto Wagner, M. M. | |
| B-L | BAINES ENGR. CO., THE. G. P. Koelliker, Pres.; H. C. Baines, V. P.; H. A. Tice, G. M.-T. P. A. | |

DOVER, TUSCARAWAS COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| R-K | DOVER MFG. CO., THE. Chas. T. Veal, Pres.; L. O. Haug, G. M.-S. P. A.; M. V. Veal, Treas.; Carl E. Reufley, Wks. Mgr.; W. A. Braun, Ch. Engr.; Chas. Maurer, M. M. | |
| G-JJ | GREER STEEL CO. H. C. Greer, Pres.; L. N. Douglas, Secty.; H. C. Cappel, Treas.-P. A.; C. W. Carman, Supt. | |
| G | HANNA FURNACE CO., THE..... | (See Cleveland) |
| R | INVINCIBLE VACUUM CLEANER CO., THE. E. A. Nesbit, Pres.-G. M.; Edw. Sloan, Secty.-P. A.; C. E. Harjer, Supt. | |
| H-X-DD | PENN MOLD & MACH. CO., THE..... | Ft. 3rd St. |
| G-JJ-QQ | REEVES MFG. CO., THE..... H. C. Greer, Pres.; A. H. Reeves, V. P.-Supt.; A. J. Krantz, T. G. M.; Jos. A. Krantz, Secy.-P. A. | 137 E. Iron Ave. |
| DD-H-X | WAGNER BROS. Chas. Wagner, Prop. Supt. | |

DOYLESTOWN, WAYNE COUNTY, OHIO

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| D | DOYLESTOWN ALUMINUM WARE CO., THE. J. P. Hartel, Pres.; J. B. Meech, Secy.-Gen. Mgr.-P. A.; Thomas Lozier, Supt. | |
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EAST LIVERPOOL (COLUMBIANA COUNTY)

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| DD | BIRCH E. E. & SON,..... E. E. Birch, Prop. | (Chester, W. Va. Plant.) |
| B | BUCHER-SMITH CO., THE..... Thos. Timothy, Pres.; W. W. Ward, V. P.; J. W. Manor, Secty.; Jas. R. Meek, T. G.-Mgr.; J. E. Cornell, Supt. | (Wks. Chester, W. Va.) |
| B-DD | CAIN MACH. CO., THE..... Frank Cain, Pres.-P. A.; E. L. Cain, Supt. | 674 Green Lane St. |
| EE | DIAMOND WELDING PLANT..... E. J. Weaver, Prop. | 629 St. Clair Ave. (Op. Fire Station) |
| C-EE | EAST LIVERPOOL WELDING CO..... Wm. Scharf, Prop. | 208 2nd Street. |
| YY | McLEAN TIRE & RUBBER CO., THE. G. H. Stewart, Gen. Mgr.-P. A.; G. E. Whalon, Supt. | |
| G-JJ | NATIONAL DRAWN STEEL CO., THE. J. C. Kelly, Pres.-Supt.; Patrick McNicol, V. P.; W. H. Vodrey, S. T.-P. A. | |
| DD-B | PATTERSON FDRY. & MCH. CO., THE..... B. C. Simms, Pres.; R. L. Cawood, G. M.-P. A.; J. S. Scott, Ch. Engr.; J. E. Boyd, Supt.; Chas. Clark, Asst. Supt. | (Lower Plant) |
| DD-B | PATTERSON FDRY. & MCH. CO., THE..... B. C. Simms, Pres.; R. L. Cawood, G. M.-P. A.; Carl L. Ervin, Supt.; J. S. Scott, Ch. Engr. | (Upper Plant—Main). |
| R-XX | THOMAS, R. & SONS CO., THE..... L. M. Thomas, Pres.; G. R. Thomas, V. P.-Asst. G. M.; H. R. Holmes, G. M.; Lawrence Thomas, Treas.-P. A.; R. H. Marvin, El. Engr.; H. M. Brown, Cerm. Engr.; B. Kinney, Supt.; G. E. Eckert, Mgr. Pub.; Ed. Kaufman, Shop Foreman; E. M. Bucher, C. Draft. | 7th Street |

EAST PALESTINE, COLUMBIANA COUNTY, OHIO

| | | |
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| YY | McGRAW TIRE & RUBBER CO., THE. C. H. Wheeler, G. M.-Supt.; Jas. Morgan, P. A.; G. D. Agnew, P. A.; E. W. Evans, Engr. | |
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EATON, PREBLE COUNTY, OHIO

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| E | WASHINGTON MOTOR CO., THE. A. H. Christman, Pres.; E. C. Wysong, V. Pres.; Fcy.-Mgr.-Gen. Supt.; John Voge, Secy.; O. M. Shipley, Treas.-Gen. Mgr.; Pur. Agt.; R. E. Berg, Ch. Engr. | |
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| ELMORE, OTTAWA COUNTY, OHIO | | |
|-----------------------------|--|------------------------------|
| Class | Firm and Personnel | Address |
| SS | MULTIPLEX CONCRETE MCHY. CO., THE. Information withheld. | |
| ELYRIA, LORAIN COUNTY, OHIO | | |
| G | AMERICAN CRUCIBLE PRO.CO., THE..... A. C. Ryan, Pres.; A. H. Babcock, V. P.; Jno. G. Dorn, V. P.; F. M. Williams, Secty.-G. M.-Ch. Engr.; G. L. Smith, P. A. | Cor. West St. and R. R. Ave. |
| D | COLSON COMPANY, THE..... F. W. Colson, Pres.-G. M.; John Murbach, V. P.; H. W. Ingersoll, Secty.; T. N. Cook, Treas.; S. T. Gilmore, P. A.; M. E. Roe, Fcty. Mgr. | Pine & Cedar Streets. |
| G-JJ | COLUMBIA STEEL CO., THE..... C. D. Smith, Pres.; C. E. Lozier, V. P.-G. M.; E. J. Scott, Secty.; W. L. Smith, Treas.; P. T. Wharton, Ch. Engr.; J. H. McElhinney, Fcty. Mgr.; Oscar Olson, Gen. Supt.; W. C. Fowls, P. A. | |
| H-X | DUPLEX MFG. & FDRY. CO..... F. A. Merchell, Pres.-Treas.; H. T. Pleinis, V. P.; W. H. Hyde, Secty.-Pur. Agt.; H. D. Mattison, Mgr. | 398 West Avenue |
| H-X | ELECTRO ALLOYS CO..... A. L. Garford, Pres.; J. B. Thomas, Treas.-Pur. Agt.; Hernan Ely, Jr., Sales Mgr.; O. L. Larson, Sales Rep. | Taylor & Abbey Rd. |
| BB-I-PP | ELYRIA BELTING & MCHRY. CO., THE..... Alex Altfield, Pres.-Treas.; Otis C. Altfield, V. P.; D. S. Altfield, Secy. | Cor. William & Buckeye. |
| D | ELYRIA ENAMELED PRO. CO., THE..... H. S. Calvert, Pres.; W. E. Gray, V. P.; L. B. Walters, Treas.; G. H. Tyler, P. A.; R. F. Goecke, Gen. Supt. | |
| H-X | ELYRIA FDRY. CO., THE..... A. C. Brown, Pres.; R. G. Clapp, Gen. Mgr.; W. E. Davies, Asst. Secy.-Treas.-P. A.; W. F. Gollman, Asst. Gen. Mgr.; J. Bridgeland, Supt. | Filbert St. |
| G-JJ-LL | ELYRIA IRON & STEEL CO., THE (See Cleveland, O.)..... H. B. Wick, Pres.; M. A. Wick, V. P.; G. F. White, Sec.-Treas.(Cleveland, O.) | Mussey Rd. |
| DD-X-II | ELYRIA MACHINE COMPANY..... C. M. Probasco, Pres.-G. M.; J. L. Birdsall, Treas.-P. A.; R. H. Williamson, Gen. Supt.; J. D. Neikirk, Gen. Foreman. | W. River St. |
| H-X | GARFORD FDRYS. CO., THE..... A. L. Garford, Pres.; S. W. Henson, G. M.-P. A. | Taylor St. |
| R | GEN'L PHONOGRAPH CO., THE..... A. G. Beam, Pres.; L. E. Bonsieur, G. M.; A. L. Patrick, Treas.; C. D. Rawson, P. A.; George Kunkle, Ch. Engr. | Taylor St. |
| E-M | H. & T. SPRING CO., THE..... W. B. Timms, Pres.-G. M.; H. E. Hall, V. P.; O. C. Wagner, Sec.-Treas.; F. Funk, Fcty. Mgr. | |
| AAA | HARSHAW, FULLER & GOODWIN CO., THE..... A. L. Stark, Pres.-G. M.; C. H. Price, P. A. | |
| YY | I. T. S. RUBBER CO., THE..... J. G. Teifford, Pres.; A. G. Smith, V. P.; G. H. Lewis, Secty.; C. H. Ingwet, Treas. | |
| H-L | INDUSTRIAL AIR ENGR. CO..... George C. Fatscher, G. M.-P. A. | W. River St. |
| D | MARTELL PACKINGS CO., THE..... E. W. Beidler, Pres.-Sales Mgr.; W. H. Hill, V. P.; T. F. Beidler, Sec.-Treas.; D. S. Cole, G. M.-Ch. Engr.-P. A.; A. H. Krugman, Gen. Supt. | 33 E. Bridge St. |
| U | PERRY-FAY CO., THE..... R. D. Perry, Pres.-G. M.-P. A.; E. F. Allen, V. P.; R. B. Fay, Secty.-Sales Mgr.; A. B. Taylor, Treas.; R. D. Perry, Jr., Fcty. Mgr.-Asst. P. A.; C. W. Becker, Gen. Supt. | Perry Court |
| D | SUPERIOR METAL PROD. CO., THE..... H. A. Jackson, Pres.-G. M.-P. A.; Hugh B. Wick, V. P.; A. E. Adams, S.-T.-Asst. P. A.; C. M. Hard, Ch. Engr.; H. C. Eckenrod, Fcty. Mgr.-Supt.; H. J. Thomas, Prod. Mgr. | Bond & Adams Sts. |
| UU | TROXEL MFG. CO., THE..... D. S. Troxel, Pres.; J. N. Brandt, V. P.-G. M.-P. A.; R. N. Faulhaber, Gen. Supt.; | Troxel Bldg. |

ELYRIA, LORAIN COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-------|--|---------------------|
| P-CC | UNIVERSAL CRANE CO., THE. F. A. Smythe, Pres.; F. A. Peck, V. P.-G. M.; D. L. Johnson, Sec.-Treas.; E. G. Deucher, Ch. Engr.; Q. J. Winsor, P. A.; G. F. Mahon, Fcty. Mgr.-Supt.; G. W. Pope, Sales Mgr. | |
| YY | WAUKON RUBBER CO. W. R. Huntington, Pres.; A. T. Glew, V. P.; J. W. Dewhurst, Secty.-P. A.-Wks. Mgr. J. A. Ebert, Treas. | |
| U | WESTERN AUTO MACH. SCREW CO., THE. Philip B. Gale, Pres.; J. F. Doyle, V. P.-G. M.; H. P. Bembow, Sec.-Treas.-P. A.; J. C. Wilkie, Ch. Engr.; W. T. Collier, Fcty. Mgr.; F. H. Bryant, Asst. P. A.; B. C. Franklin, Sales Mgr. | Lake & Foster Aves. |
| YY | WORTHINGTON BALL CO. Geo. C. Worthington, Pres.-G. M.; A. L. Patrick, V. P.; L. B. Fauver, Secty.; W. Cunningham, Treas.-P. A. | 106 Maple St. |

EUCLID, CUYAHOGA COUNTY, OHIO

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| BB-N-ZZ | ANCHOR POST IRON WKS. C. L. Moulder, Fcty. Mgr.; C. A. Bishop, Asst. P. A. | St. Clair Ave. |
| P-R-CC | ARMINGTON ENGR. CO., THE. S. F. Armington, Pres.-G. M.-P. A.-Ch. Engr.; J. K. Greer, Supt. | Chardon Rd. |
| ZZ | AUSTIN FABRICATING PLANT. J. E. Ferguson, Pres.-G. M.; M. R. Nason, Ch. Engr.; F. E. Graham, Supt.; G. Lepold, P. A. | |
| WW | BLISS, E. W. CO. R. Grant, Gen. Mgr.; A. E. Konkle, Pur. Agt. | Bliss Rd. |
| P-CC | EUCLID CRANE & HOIST CO., THE. G. A. Armington, Pres.-G. M.; W. White, Secy.; D. L. Brain, Ch. Engr.; A. P. Armington, Supt.; E. C. Haker, P. A. | |
| AAA | LENNOX CHEMICAL CO. E. S. Griffith, Pres.-G. M.; E. T. Sargent, Secty.; A. O. Scherer, Supt.; J. H. Champ, Treas.; W. A. Haak, P. A. | |

FAIRPORT HARBOR, LAKE COUNTY, OHIO

| | | |
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| AAA | DIAMOND ALKALI CO., THE. T. R. Evans, Pres.; (Pittsburg, Pa.); C. N. Windecker, V. P.-G. M.-Fcty. Mgr.; H. B. Speasmaker, P. A. | (Main Office, Pittsburg, Pa.) |
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FINDLAY, HANCOCK COUNTY, OHIO

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| E | ADAMS AXLE CO., THE. G. M. Carter, Pres.-Gen. Mgr.; B. F. Urschel, V. Pres.; J. R. Batton, Secy.-Treas.; R. H. Rosenberg, Fcty. & Prod. Mgr.; A. G. Slatcher, Ch. Engr.; P. S. Scott, Gen. Supt.; H. O. Clapp, Pur. Agt. | West Main Cross |
| | AMERICAN MASK MFG. CO. Oscar Kirsten, Pres.-Gen. Mgr.; J. Eoff, Secy.-Treas. | W. Main Cross St. |
| B-SS | BUCKEYE TRACTION DITCHER CO. W. F. Hosler, Pres.; C. L. Casterline, V. P.; C. D. Hayward, Sec.-Treas.; Earl Mollott, Asst. Secy.; C. L. George, Ch. Engr.; J. J. Mahony, P. A.; W. F. O'Neil, Prod. Mgr.; C. F. Yocum, Supt.; D. C. Royce, Sales Mgr.; Carl Lee, Asst. Sales. | |
| S | DIFFERENTIAL STEEL CAR CO. H. F. Flowers, Pres.-Treas.-Gen. Mgr.; Shelly Hughes, V. Pres.; Harry T. Thompson, Secy.; W. D. McAdams, Fcty. Mgr.; S. F. Keener, Ch. Engr.-Pur. Agt. | |
| K | EAGLE VALVE CUP COMPANY E. D. Bishop, Gen. Mgr. | rear 518 S. Main St. |

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FINDLAY, HANCOCK COUNTY, OHIO

| Class | Firm and Personnel | Address |
|--------|---|-----------------------|
| H-X-DD | FINDLAY ENGR. & MFG. CO. J. L. Alexander, Pres.-Gen. Mgr.; L. E. Fischer, Secy.; R. G. Sheldon, Treas.; | 461 E. Main Cross St. |
| DD | HOPPENBERG MACHINE COMPANY E. M. Hoppenberg, Gen. Mgr.-Supt. | Meeks Ave. |
| V | INDIANA SILO & TRACTOR CO., THE L. B. Slick, Gen. Supt. | |
| H-X-DD | MODEL FOUNDRY & MACHINE CO., THE J. J. Kwis, Pres.-Gen. Mgr.-Fcty. Mgr.; Paul Reissig, V. Pres.; A. J. Hosler, Secy.-Treas.-P. A. | Putnam St. |
| CC | TREECE, W. E. & COMPANY W. C. Treece, Gen. Mgr. | 828 N. Main St. |
| E | VARLEY MFG. CO., THE Fred Oswald, Pres.-Gen. Mgr.; Carl Hamprecht, V. Pres.; Fred Love, Treas. | S. Main St. |
| DD | WENT, C. H. C. H. Went, Prop. | E. Main Cross St. |

FOREST, HARDIN COUNTY, OHIO

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| QQ | DICKELMAN MFG. CO., THE. Information withheld. |
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FOSTORIA, SENECA COUNTY, OHIO

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| M-DD-E | ATLAS MFG. CO., THE. James McDonald, Gen. Mgr. | |
| S-R | AMERICAN RAILWAY SIGNAL CO., THE. Clarence Brown, Gen. Mgr. | |
| EE-DD | BRADLEY, F. J. F. J. Bradley, Prop. | |
| D-E | FOSTORIA PRESSED STEEL CO., THE. C. D. Pifer, Pres.-Gen. Mgr.; H. Rothrock, V. Pres.; E. C. Wolfe, Secy.; R. J. Carter, Treas.; C. A. Dix, Gen. Supt.; E. L. Frase, Pur. Agt. | |
| DD | FOSTORIA MACHINE & TOOL CO., THE. C. O. Miniger, Pres.; H. C. Tillotson, V. Pres.; H. E. Adams, Secy.; W. G. Nagel, Treas.; O. W. Gutknecht, Gen. Mgr.; A. R. Thornton, Pur. Agt. | |
| U | FOSTORIA SCREW CO., THE. M. M. Carr, Pres.; Ph. Apfel, V. Pres.; E. R. Pillars, Secy.-Treas.-Gen. Mgr.; F. H. Oram, Fcty. Mgr.-Prod. Mgr.; T. J. Massey, Jr., Gen. Supt.; L. W. Karg, P. A. | Err St. |
| DD-E | LEESEBERG MACHINE & MFG. CO., THE. H. C. Leeseberg, Pres.-Gen. Mgr.-Fcty. Mgr.; E. L. Barkley, V. Pres.; A. Emerine, Jr., Secy.; A. Wernick, Treas. | 319 Main St. |
| K | S-C REGULATOR MFG. CO., THE. M. M. Carr, Pres.; W. J. Wagner, V. P.; J. M. Barrett, Secty.-G. M.-P. A.; G. A. Snyder, Treas.; Chas. Ackerman, Fcty. Mgr. | |
| E | SENECA MOTOR CAR CO., THE. Charles Ash, Pres.; Herbert Ash, V. P.; Ira Cadwallader, Sec.-Treas.-Sales; I. L. Cleveland, Ch. Engr.; E. A. Kurtz, P. A. | Poplar St. |
| N | SENECA WIRE & MFG. CO., THE. L. E. Kinn, Pres.-Gen. Mgr.; J. A. Wonderly, V. Pres.; A. J. Welly, Secy.; Ira Cadwallader, Treas.; Wm. Marley, Gen. Supt.; R. J. Baumstark, Pur. Agt. | Vine St. |

FRANKLIN, WARREN COUNTY, OHIO

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| B-DD | BEVIS, R. EARL. R. Earl Bevis, Prop. |
| R | V. & D. ELECTRIC CO. Information withheld. |

| FREDERICKTOWN, KNOX COUNTY, OHIO | | |
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| Class | Firm and Personnel | Address |
| H-X-B-TT | FOOTE, J. B. FOUNDRY CO., THE. Information withheld. | |
| VV | ZEIG, F. B. MFG. CO., THE. Information withheld. | |
| FREEPORT, HARRISON COUNTY, OHIO | | |
| H-X | FREEPORT FOUNDRY CO., THE. Information withheld. | |
| FREMONT, SANDUSKY COUNTY, OHIO | | |
| DD-II | CARBO TOOL & DIE CO. Information withheld. | |
| MM | CHRISTY CO., THE. R. J. Christy, Pres.; C. J. Christy, Secy. | |
| D-MM | CRESCENT MFG. CO. Information withheld. | |
| B-T-DD-II | DETROIT MODEL MACHINE WKS. | 931 Napoleon St. |
| MM | FLEXIBLE FILE CO. Dr. George Zimmerman, Prop. | |
| E | FREMONT CONSOLIDATED MOTORS CO., THE H. M. Hackett, Pres.-Gen. Mgr.; Prof. B. J. Bailey, V. Pres.; F. H. Snyder, Secy.-P. A.; A. C. Rogers, Asst. Treas.-Fcty. Mgr.; Willis M. Bowlus, Ch. Engr.; O. E. Coe, M. M. | Box "H" |
| H-X | FREMONT FOUNDRY CO., THE. Information withheld. | |
| GGG | FREMONT STOVE CO., THE. Information withheld. | |
| DD-II | FREMONT TOOL & DIE CO. Louis A. Mayle, Prop.-Supt. | 434-36 Wood St. |
| MM | HENKEL CLAUSS CO., THE. Paul E. Schaaf, Pres.; Harry Zimmerman, Secy.-Treas.; F. W. O'Farrell, P. A. | |
| M | HERBRAND CO., THE. Chas. Thompson, Pres.; C. F. Thompson, V. Pres.-Gen. Mgr.; C. A. Ream, S.-T.-Fcty. Mgr.; R. H. Frantz, Prod. Mgr.; R. H. Tyler, Gen. Supt.; Jos. Karlovetz, M. M.; F. D. Betts, P. A. | |
| MM | HOLLINGER CUTLERY CO., THE. J. L. Reineck, Pres.; E. A. Hollinger, Secy.; A. L. Hollinger, Treas. | |
| H-X | HOTZ FOUNDRY & MFG. CO., THE. C. Hotz, Pres.; T. M. Reardon, Secy.; C. G. Hotz, Treas. | |
| MM | JACKSON SHEAR CO., THE A. H. Jackson, Pres.-Treas.; T. A. Morrow, V. P.; B. H. Swift, Secty.-G. M.; Louis Sherck, Ch. Engr.-M. M.; H. R. Millious, P. A.; Chas. Jeremias, Gen. Supt.; G. H. Brinkerhoff, Prod. Mgr. | 1500 W. State Street. |
| B | NATIONAL CARBON CO. Harry J. Lees, Ch. Engr. H. J. Wood, Wks. Pur. Agt. | (Fremont Wks.) |
| MM | UNSINGER RAZOR BLADE CO., THE. Paul E. Schaaf, Pres.; Harry Zimmerman, Secy.-Treas.; Peter Unsinger, Supt. | |
| GALENA, DELAWARE COUNTY, OHIO | | |
| RR | HUGHES & SMYTHE. Information withheld. | |
| GALION, CRAWFORD COUNTY, OHIO | | |
| D | AMERICAN VAULT CO. C. F. Unckrich, Supt | |

GALION, CRAWFORD COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| E-D-T | DETWEILER CO. L. M. Liggett, Gen. Mgr.-Pur. Agt.; H. Quirck, Supt. | |
| TT | FREESE, E. M. & COMPANY. E. M. Freese, Gen. Mgr. | |
| C-P-Z | GALION IRON WKS. CO., THE. D. C. Boyd, Pres.; G. L. Stiedel, V. Pres.; F. W. Faber, Secy. & Treas.; F. E. Arndt, Chief Engr. -Supt.; F. W. Flowers, Pur. Agt. | |
| D | GALION METALLIC GRAVE VAULT CO. A. A. Arnold, Supt. | |
| D | NATIONAL GRAVE VAULT CO. T. H. Clark, Supt.; E. H. Fisher, V. Pres. | |
| D-R | NORTH ELECTRIC CO., THE. W. M. Carpenter, Pres.; K. B. Miller, V. Pres.; F. R. McBerty, Chief Engr.; W. Butz, Pur. Agt.; C. F. Burt, Secy.-Treas. | |

GALLIPOLIS, GALLIA COUNTY, OHIO

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| C | ACME BOILER WORKS. Information withheld. | |
| GGG | TREASURE STOVE CO., THE2nd & Grape Sts. F. M. Bovie, Pres.-G. M.; Chas. F. Stockhoff, V. P.; Geo. F. Bovie, S.-T.-Fcty. Mgr.-P. A.; | |

GARFIELD, MAHONING COUNTY, OHIO

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| E | MACDONALD STEAM AUTOMOTIVE CORP. Duncan Macdonald, Pres.-Pur. Agt.; F. N. Macdonald, V. Pres.-Secy.; E. M. Macdonald, Treas.; J. Gonda, Ch. Engr.; A. Coy, Gen. Supt. | |
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GARRETTSVILLE, PORTAGE COUNTY, OHIO

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| DD-II | AMY MACHINE COMPANY. Information withheld. | |
| YY | McWADE TIRE & RUBBER CO., THE. J. H. McWade, Pres.; S. H. Bruce, V. P.-G. M.-Fcty. Mgr.; H. G. Vincent, S.-T.-Sales; S. Wildman, Ch. Engr.; H. B. Bixler, Prod. Mgr. | |

GENEVA, ASHTABULA COUNTY, OHIO

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| D-RR | AMERICAN FORK & HOE CO., THE(See Cleveland, Ohio) | |
| K | CHAMPION HDWE CO., THE. C. Chamberlain, Pres.; W. S. Harris, V. P.; Nelson Hasenflue, S.-T.-G. M.; C. A. Stanclift, Ch. Engr.-M. M.; G. W. Wellman, Fcty. Mgr. Prod.; T. J. Miller, P. A.; Nelson Hasenflue, Sales Mgr. | |
| D | GENEVA METAL WHEEL CO., THE8 Factory Row. A. W. Chamberlin, Pres.; A. J. Ford, V. P.; G. C. Webster, Secty.-Fcty & Prod. Mgr.; A. M. Ford, Treas.-Sales Mgr.; O. L. Spring, Ch. Engr.; R. E. Sawyer, P. A.; H. A. Carter, Sales Engr. | |
| K | POTTER MFG. CO., THE. Arthur Potter, Prop.-G. M.-P. A. | |
| E | YOUNG, H. B. MOTOR TRUCK CO., THEN. Eagle & N. Y. C. R. R. H. B. Young, Pres.-Gen. Mgr.; B. L. Van Woert, V. Pres.; O. L. Travis, Secy.; H. W. Graham, Treas.; R. A. Barrett, Fcty. Mgr.-Ch. Engr.-Pur. Agt.; Louis Marx, Gen. Supt. | |

GIRARD, TRUMBULL COUNTY, OHIO

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| LL | BYERS, A. M. CO. S. K. Hine, Gen. Mgr. | |
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| GIRARD, TRUMBULL COUNTY, OHIO | | |
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| Class | Firm and Personnel | Address |
| UU | OHIO LEATHER CO. J. L. Dennett, Secy.-Treas.; V. G. Lombard, Gen. Mgr. | |
| GREENFIELD, HIGHLAND COUNTY, OHIO | | |
| D-QQ | ARNOTT, E. L. E. L. Arnott, Prop. | |
| D-QQ | HARPS, J. A. MFG. CO. J. A. Harps, Pres. T. G. M.-P. A.; G. H. Morehouse, Secty.; E. F. Caldwell, Fcty.-Mgr.-Engr. | |
| | WADDELL CO., THE. John M. Waddell, Pres.-G. M.; Dean T. Waddell, V. Pres.-Pur. Agt.; Lew P. Waddell, Secy.-Fcty. Mgr.; Neal P. Waddell, Treas.; Roy Duffield, Gen. Supt. | |
| GREENSPRING, SENECA COUNTY, OHIO | | |
| DD | GALE, CHAS. E. Chas. E. Gale, Prop. | |
| GREENVILLE, DARKE COUNTY, OHIO | | |
| GGG | BERKHEIMER & LAMMERS. Information withheld. | |
| V | FRANKLIN TRACTOR CO. Information withheld. | |
| SS | GREENVILLE MFG. CO., THE. Information withheld. | |
| HAMILTON, BUTLER COUNTY, OHIO | | |
| DD-C | ADVANCE MANUFACTURING COMPANY Oscar N. Ritchie, Prop. | 130 N. "B" St. |
| | AMERICAN CASTER COMPANY E. T. Malloy, Pres.; Hamar Hawthorne, V. Pres.; L. M. Schofield, Secy. | Central & Washington. |
| H-X-GGG | AMERICAN FDY. & MCH. CO., THE A. Ballinger, Pres.-Treas.; A. Jacobs, Secy.-Gen. Mgr. | |
| S | AMERICAN FROG & SWITCH CO., THE. E. C. Hooven, Pres.; Don Hooven, Secy.-Gen. Mgr.; F. W. Holcomb, Ch. Engr.; C. Fairfield, Gen. Supt.; W. H. Rabbe, Pur. Agt. | |
| C-B | BENNINGHOFEN, C. & SONS C. Benninghofen, Pres.; Paul Benninghofen, V. Pres.; Mark Benninghofen, Secy.-G. M.; C. Leichter, Supt. | Penna. R. R. & Miami Canal |
| B | BLACK & CLAWSON CO., THE F. C. Trowbridge, Pres.; A. C. Shinkle, V. Pres.; H. L. Kutter, Secy.; H. R. Dilg, Treas.; F. Schreiber, Gen. Supt.; A. M. Brate, Pur. Agt. | Second and Vine Sts. |
| H-X | CENTRAL FOUNDRY CO., THE A. W. Margedant, Pres.-Treas.; C. E. Margedant, V. Pres.-Gen. Mgr.; W. C. Margedant, Secy.; A. J. Quinn, Gen. Supt. | Mill Road |
| TT-L-B | CERAMIC MACHINERY CO., THE F. E. Goldsmith, Pres.; A. H. Walburg, V. Pres.; Frank B. Yingling, Secy.-Treas. | Middletown Pike. |
| A-B | COLUMBIA MACHINE TOOL CO., THE F. E. Goldsmith, Pres.; E. S. Rich, V. Pres.-Pur. Agt.; F. B. Yingling, Secy.-Treas.-Gen. Mgr.; W. E. Birdsong, Gen. Supt. | Fairgrove & Wiley Avenues. |
| GGG-QQ | DEUSCHER, H. P. CO., THE Gus Schwenn, Pres.-Treas.; Otto Ehrenschenver, V. Pres.; Wm. H. Stephan, Secy. | 7th & Hanover St. |
| R | DORAN BROTHERS COMPANY J. W. Doran, C. W. Doran, Props. | North "B" St. |

Main Office and Showroom: 717 LAKESIDE AVE. N.W.

HAMILTON, BUTLER COUNTY, OHIO

| Class | Firm and Personnel | Address |
|--------|---|--------------------------|
| F | DUEMER, LOUIS PATTERN WKS. Louis Duemer, Sr.; Karl Duemer; Louis Duemer, Jr.; Walter Duemer. | 1356 Central Avenue |
| GGG-R | ESTATE STOVE CO., THE Felix Kahn, Pres.; Laxard Kahn, V. Pres.; Bertrand B. Kahn, Secy.-Fcty. Mgr.; David F. Kahn, Treas.-Gen. Mgr.; Harry Hodgson, Ch. Engr.; Harry Dolf, Prod. Mgr. David Black, Gen. Supt; James Fath, Pur. Agt. | East Ave. |
| D | FISCHER CAN CO., THE Chas. Fischer, Pres.-Gen. Mgr.; Carl H. Albrecht, Secy.-Treas. | Central & Kruger Avenue. |
| K-E | FISHER LOCK CO., THE Information withheld. | |
| V | FORD, HENRY & SON O. A. Anderson, Gen. Mgr. | N. End of Fifth Street |
| E | FORD MOTOR CO., THE O. A. Anderson, Gen. Mgr. | North End of 5th Street |
| VV | FREIBERG-SIMRALL CO., THE Julius W. Freiberg, Pres.; John C. Hermann, Secy.; C. W. Simrall, Treas.; W. N. Bennett, Gen. Mgr.-Fcty. Mgr.-Pur. Agt.; L. F. Utz, Gen. Supt.; E. L. Rodgers, Asst. Pur. Agt. | 126 N. "B" St. |
| DD | GENERAL REPAIR & MACHINE SHOP Frank J. B. Leisner, Prop. | 4th & High St. |
| F | GETZ, GEO. P. Geo. P. Getz, Prop. | |
| III | HAMILTON AUTOGRAPHIC REGISTER COMPANY P. Benninghofen, Pres.-Secy.-Treas.; E. S. Rump, V. Pres.-Gen. Mgr.; R. B. Sharp, Fcty. Mgr.-Pur. Agt. | 802 Symmes Avenue. |
| H-X | HAMILTON BRASS & ALUMINUM CASTINGS CO., THE Chas. W. Cork, Pres.; Chas. E. Loehler, Secy.-Treas. | 8th & Chestnut |
| | HAMILTON CASTER & MFG. CO., THE John A. Weigle, Pres.-Treas.; A. Korgman, V. Pres.; Herbert E. Weigle, Secy.; Geo. Kallerer, Supt. | 1637 South Dixie Highway |
| H-X-K | HAMILTON COPPER & BRASS WKS. C. L. Duemer, Gen. Mgr. | 1767 Dixie Highway |
| H-X | HAMILTON FDY. & MCH. CO., THE G. A. Rentschler, Pres.; G. S. Rentschler, V. Pres.-Gen. Mgr.; H. A. Rentschler, Secy.-Treas. | East Hamilton |
| G | HAMILTON FURNACE CO., THE John A. Savage, Pres.; Jos. F. Savage, Gen. Mgr. | Coke Otto |
| A-B | HAMILTON MCH. TOOL CO., THE Chas. F. Hilker, Pres.-Gen. Mgr.; M. L. Milligan, V. Pres.; J. K. Hilker, Secy.-Treas.; R. Asberry, Gen. Supt. | Symmes Ave. |
| D-N-QQ | HAMILTON METAL PRODUCTS CO., THE Louis Piker, Pres.-Treas.-Gen. Mgr.-Pur. Agt.; Jos. H. Schlichter, V. Pres.-Fcty. Mgr.; Ph. N. Piker, Secy.-Asst. Pur. Agt. | 206 N. "B" St. |
| F | HAMILTON PATTERN WKS. G. A. Mattle, Prop. | 13th & Maple Avenue |
| EE-C | HAMILTON WELDING & MFG. CO., THE R. H. Kemp, Gen. Mgr. | 121 N. "B" St. |
| | HERRING-HALL-MARVIN SAFE CO., THE W. F. Forepaugh, Pres.; S. S. Evans, V. Pres.; F. A. Marsellus, Secy.; J. M. Swanson, Treas.; E. E. Watson, Gen. Mgr.; H. E. Henneberger, Pur. Agt. | Grand Blvd. |
| B | HOOVEN AUTOMATIC TYPEWRITER CORP. C. E. Hooven, Pres.-Gen. Mgr.; J. H. Pillings, Treas.; K. D. Evans, Gen. Supt. | Central & Kruger |
| C | HOOVEN, OWENS, RENTSCHLER CO. G. A. Rentschler, Pres.-Secy.-Treas.; W. B. Mayo, V. Pres.; G. I. Theile, Ch. Engr. G. A. Hepke, Sales Mgr.; G. R. Shields, Prod. Mgr.; Ed. Brinker, Gen. Supt.; W. Hargitt, Pur. Agt.; Jos. Niehaus, Asst. Pur. Agt. | |
| H-X | INDUSTRIAL CASTING CO., THE Information withheld. | Coke Otto |
| H-X | IRON CITY FOUNDRY CO., THE A. D. Stucky, Pres.; C. E. Freeman, V. Pres.; F. G. Traher, Secy.-Treas. | |

| HAMILTON, BUTLER COUNTY, OHIO | | |
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| Class | Firm and Personnel | Address |
| BB-I-K-PP | KINSEY, E. A. CO., THE Information withheld. | N. 2nd St. (Main Office Cincinnati, O.) |
| III | KRAUTH & BENNINGHOFFEN. Information withheld. | |
| A-B | LIBERTY MCH. TOOL CO., THE P. Benninghofen, Pres.; A. R. McCann, V. Pres.-Gen. Mgr.; B. R. Milliken, Secy.-Treas.; C. Johannesmeyer, Ch. Engr.; A. Iutzwig, Gen. Supt.; J. Milliken, Pur. Agt. | Lindenwald |
| D-QQ | LIBERTY SHEET METAL CO. M. Fogel, Prop.; Chas. Blumenthal, Prop. | 350 Hanover St. |
| A-B-WW | LONG & ALSTATTER CO., THE W. N. Rumley, Pres.; F. P. Long, V. Pres.-Gen. Mgr.; L. A. Pfau, Secy.; R. E. Clark, Treas.; P. G. Pater, Ch. Engr.; A. J. Koehler, Prod. Mgr.; D. P. Long, Gen. Supt.; W. W. Hoffmeister, Pur. Agt. | 4th & High Sts. |
| ZZ | MEYERS, FRED J. MFG. CO., THE. Geo. C. Bramlage, Pres.-Pur. Agt.; John A. Wulftange, V. Pres.-Prod. Mgr.; Fred L. Meyers, Secy.; Jos. F. Wulftange, Treas. | |
| E | MIAMI BODY WKS. CO., THE Guy Harrod, Pres. Secty. G. M.; R. O. Smith, V. P.; R. E. Smith, Treas.-Ch. Engr. Fcty. Mgr. P. A.; Wm. Heitkamp, Gen. Supt. | 318 N. "B" St. |
| F | MIAMI PATTERN WKS. Frank Bov, Prop. | 110 N. Monument Ave. |
| EE | MIAMI WELDING COMPANY. Wilbur R. Black, Prop. | |
| B-DD-II | MIDWEST TOOL & ENGR. CO., THE Oscar Koogler, Pres.; Albert T. Engdahl, V. Pres.; Chas. Cammerer, Secy.-Treas. | North "B" St. |
| | MOSLER SAFE CO., THE G. M. Goldsmith, V. Pres.; J. G. Donaldson, Secy.; E. C. Hyman, Treas.; G. C. Bartels, Gen. Supt.; G. Bonnell, Pur. Agt. | Grand Blvd. |
| A-B | NILES TOOL WORKS CO., THE Jas. K. Cullen, Pres.; C. L. Cornell, V. Pres.; J. B. Cornell, Treas.; James Blair, Secy.-Pur. Agt.; Geo. C. Griest, Gen. Mgr.; J. J. Seybold, Fcty. Mgr.-Supt.; L. C. Cole, Ch. Engr.; Maurice Griest, Prod. Mgr.; E. M. Ladley, Asst. Pur. Agt. | 545 North Third St. |
| | PHOENIX CASTER CO., THE G. A. Rentschler, Pres.-Gen. Mgr. | Middletown Pike |
| FF | SUPERIOR OXY-ACETYLENE MCH. CO., THE Claude E. Freeman, Pres.; Ethyl P. Weller, Secy.-Treas. | East High St. |
| GGG | WEEKS, H. G. MFG. CO. H. G. Weeks, Pres.; R. R. Asbury, G. M.-P. A.; Wm. Ringer, Gen. Supt. | Millville & Edgewood Avenues. |
| R | WENTE ELECTRIC COMPANY Leslie H. Wente, Pres.; Elsworth A. Wente, Secy.-Treas. | 223 N. Fourth St. |
| HARRISON, HAMILTON COUNTY, OHIO | | |
| RR-H | CAMPBELL HAUSFELD CO., THE. Edw. B. Hausfeld, Pres.; A. J. Campbell, V. Pres.; C. E. Haddock, Secy.-Gen. Mgr.; Jos. E. Hausfeld, Treas.; O. H. Luebbing, Fcty. Mgr.-Ch. Engr.; J. S. Armour, P. A. | |
| HILLSBORO HIGHLAND COUNTY, OHIO | | |
| H-X-B-DD | BELL, C. S. CO., THE. Information withheld. | |
| ZZ | GROSS-FEIBEL CO., THE. C. B. Gross, Pres.; W. L. Gross, Secty.-P. A. | |
| HUBBARD, TRUMBULL COUNTY, OHIO | | |
| | MAR-SLA MFG. CO., THE. H. R. Hooper, Pres.; D. C. Hamilton, V. P.; W. L. Kauffman, S.-T.-Ch. Engr.-P. A.; Val Smith, Gen. Supt.-Prod. Mgr. | |

HUBBARD, TRUMBULL COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| D | POWELL PRESSED STEEL CO., THE. W. J. Powell, Pres.-G. M.; H. S. Wylde, V. P.-P. A.; E. J. Powell, Secty.-Ch. Engr.; W. S. Davis, Treas.; J. L. Doyle, Prod. Mgr.; W. W. Hancox, M. M. | |

IRONDALE, JEFFERSON COUNTY, OHIO

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| XX | EAST OHIO SEWER PIPE CO. Wm. Banfield, Pres.; A. O. Houston, V. P.; F. W. Owesney, S.-T.-G. M.-Sales Mgr.; Geo. Butler, Fcty. Mgr.; John B. Kerr, Gen. Supt.; F. W. Edwards, Ch. Engr. A. Boehm, M. M.; Raymond Jacobs, Pur. Agt. | |
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IRONTON, LAWRENCE COUNTY, OHIO

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| DD | ADAMS, E. B. CO., THE. Information withheld. | |
| ZZ | BELFONT IRON WKS. CO., THE. S. G. Gilfillan, Pres.-G. M.; John Peebles, V. P.; J. R. Gilfillan, Secty.-Sales; C. W. Moulton, Treas.; L. W. Harmon, Ch. Engr.; I. A. Ryan, Gen. Supt.-P. A.; Bert Lawless, M. M. | |
| DD | BEVERLY, HARRY. Harry Beverly, Prop. | |
| H-X | DAYTON MALLEABLE IRON CO.(Br. of Dayton, O). Information withheld. | |
| C | IRONTON BOILER WKS. Patrick Meehan, Pres.; Paul Meehan, G. M.-P. A.; P. I. Meehan, Gen. Supt. | |
| C | IRONTON ENGINE CO., THE6th & Ashtabula Streets. E. B. Hetzel, Pres.; A. H. Mittendorf, V. P.; E. H. Allfree, Secty.-G. M.-P. A.; E. O. Marting, Treas.; W. R. Youmans, Ch. Engr.; J. Appleton, Sales Mgr. | |
| DD | IRONTON MACHINE SHOP CO. Information withheld. | |
| G-QQ-ZZ | IRONTON MFG. CO. Information withheld. | |
| A-K-H-X-DD WW | IRONTON PUNCH & SHEAR CO., THE107 N. Second St. T. M. Adams, Pres.-G. M.; F. C. Tomlinson, V. P.; J. G. Bates, S.-T.-P. A.-Fcty. Mgr. | |
| G | IRONTON STOVE & MFG. CO., THE1002 S. First Street. L. K. Cooper, Sec.-Treas.-P. A. | |
| G | MARTING IRON & STEEL CO., THE. W. G. Sharp, G. M.; Fred Zimmerman, Gen. Supt. | |
| N | STEEL & WIRE PRODUCTS CO.Br. Pittsburgh, Pa. Information withheld. | |

IVORYDALE, HAMILTON COUNTY, OHIO

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| O | AMERICAN OIL TREATING & HARDENING CO., THE. Information withheld. | |
| | PROCTER & GAMBLE CO., THE. Information withheld. | |

JACKSON, JACKSON COUNTY, OHIO

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| H-X-K | CROWN PIPE & FOUNDRY CO., THE. Lola Jones, Pres.; Dwight Jones, V. Pres.-Secy.-Treas.-Pur. Agt.; A. M. Davis, Gen. Mgr. P. M. Dressy, Gen. Supt. | |
| G | GLOBE IRON CO., THE. Information withheld. | |
| KK | GREENLEE BROS. & CO.Box 546 Jackson, O. (Wks. Rockford, Ill.) E. T. McPherson, Dist. Mgr.; E. M. Pritz, Asst. Dis. Mgr. | |

| <i>JACKSON, JACKSON COUNTY, OHIO</i> | | |
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| Class | Firm and Personnel | Address |
| G | JACKSON IRON & STEEL CO., THE. Simon Labold, Pres.; D. D. Davis, V. P.; John F. Morgan, S.-T.; J. S. Morgan, P. A.; Noah G. Spangler, G. M.; L. A. McCarty, M. M. | |
| G | WELLSTON IRON FURNACE CO., THE. S. E. Stephenson, Pres.; Joseph McGhee, Secty.; S. A. Sternberger, Treas.; F. A. Burgess, P. A.; J. G. Harding, Gen. Supt.; A. D. Wingate, Sales Mgr. | |
| <i>JOHNSTOWN, LICKING COUNTY, OHIO</i> | | |
| NN | RUSLER, H. B. MFG. CO. W. A. Rusler, Prop.-Sales; F. G. Smith, Mgr. | |
| <i>KENT, PORTAGE COUNTY, OHIO</i> | | |
| S | ERIE R. R. CAR REPAIR SHOPS, THE. W. W. Warner, Gen. Supt.; E. J. Williams, G. F.-Mch. | |
| A-B-SS-DD | KENT MACHINE CO., THE. A. B. Babbitt, Secty.-G. M.-P. A.; J. A. Rhodes, Sales Adv.- C. C. Soper, Ch. Engr.; A. D. Pitts, Supt.; G. H. Moon, P. A. | N. Water St. |
| U | LAMSON & SESSONS CO., THE. Roy Smith, V. P.-G. M.; J. W. Salter, Gen. Supt.; F. J. Dangler, Asst. Supt.; G. W. Hinds, P. A.; Harry De Lapotterie, Ch. Engr. | Falls Rivet Plant (Main Office Cleveland) |
| YY | MASON TIRE & RUBBER CO., THE. O. M. Mason, Pres.; J. H. Diehl, V. Pres.; W. A. Cluff, Secy.; D. M. Mason, Treas.-Gen. Mgr.; T. G. Graham, Fcty. Mgr.; J. B. Rieker, Ch. Engr.-Master Mech.; I. C. Monroe, Prod.-Mgr.; J. J. Flynn, Pur. Agt.; J. B. Paltz, Asst. Pur. Agt. | Lake St. |
| K | MILLER, J. B. KEYLESS LOCK CO., THE. Jas. B. Miller, Pres.; E. M. Miller, V. P.-G. M.-Supt.; J. P. Miller, Sec.-Treas. | |
| E | THOMART MOTOR CO., THE. W. G. Thompson, Pres.; Jas. L. Stewart, V. P.-G. M.; B. A. Shriber, Sec.-Treas.; P. B. Brown, Sales Adv.; W. A. Parrish, Ch. Engr.; L. B. Jackson, Gen. F.; S. A. Klinger, Supt. | |
| <i>KENTON, HARDIN COUNTY, OHIO</i> | | |
| P-CC-ZZ | CHAMPION ENGINEERING CO., THE. W. A. Norton, Pres.; R. W. Valls, V. Pres.-Sales Mgr.; Anson Gear, Secy.; O. A. Ruse, Treas.; E. B. Phillips, Gen. Mgr.; W. B. McCracken, Fcty. & Prod. Mgr.; Harry Holmes, Ch. Engr.; Lee Stinson, Gen. Supt.; N. J. Alexander, Pur. Agt. | |
| B-DD-II | IDEAL MACHINE COMPANY. Information withheld. | |
| A-B | OHIO MACHINE TOOL CO., THE. W. D. Sayle, Pres.; H. W. Gramlich, V. Pres.; C. C. Swift, S.-T.-G. M.; R. D. Shields, Ch. Engr.-Prod. Mgr.; L. H. Peters, Gen. Supt. | |
| D | SCIOTO SIGN CO., THE. Libbey O. Griffith, Sales Mgr.; E. J. Showe, Gen. Supt.; A. C. Johnson, Sales Rep. | |
| H-X | WILMOTH, G. R. CO., THE. G. R. Wilmoth, Pres.; Jos. Rusch, Jr., V. Pres.-Treas.-Gen. Mgr.; M. C. Welch, Secy. | |
| <i>KINSMAN, TRUMBULL COUNTY, OHIO</i> | | |
| A-B-DD. | KIDDLE, R. H. R. H. Kiddle, Prop. | |
| <i>LANCASTER, FAIRFIELD COUNTY, OHIO</i> | | |
| DD-II | ALTEN, WM. SONS. Wm. Alten, Pres.; Jos. Alten, Secy.-Gen. Mgr.; | |

LANCASTER, FAIRFIELD COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| H-DD-X-TT | ALTENS FOUNDRY & MCH. WKS. Geo. Alten, Pres.-Gen. Mgr.; A. M. Bigam, Secy.-Treas.; S. O. Burton, Pur. Agt. | |
| R | CARBON PRODUCTS CO., THE. Edmund Dickey, Pres.; W. E. Gunion, V. Pres.; H. Crumbaker, Secy.; Albert Steiner, Treas.-Gen. Mgr.-Pur. Agt. | |
| B-DD-II-TT | CLAFLIN ENGINEERING CO. Geo. M. Hickie, Pres.; H. C. Watson, V. Pres.; C. S. Hutchinson, Secy.; John L. Graham, Treas.; F. C. Watson, Ch. Engr. | |
| RR | EAGLE MACHINE CO., THE. C. B. Whiley, Pres.; F. C. Whiley, S.-T.-G. M.-P. A.; Geo. Whiley, Fcty. Mgr. | |
| XX | HOCKING GLASS CO., THE. I. J. Collins, Pres.-Gen. Mgr.-Gen. Supt.; E. B. Good, V. Pres.; Thos. E. Fulton, S.-T.; C. J. Denning, Fcty. Mgr. | |
| RR | HOCKING VALLEY MFG. CO. Ed. Mithoff, Pres.; C. M. Alfred, Secy.; T. C. Alfred, Gen. Mgr.-Sales Mgr.-P. A.; J. W. Pierce, Fcty. Mgr.-Asst. Pur. Agt. | 434 S. High Street |
| XX | INTERSTATE WINDOW GLASS CO. J. H. Campbell, Gen. Mgr. | |
| XX | LANCASTER GLASS CO., THE. J. E. Hill, Pres.-Fcty. Mgr.; L. Philip Martin, V. P.-Sales; L. B. Martin, Secty. G. M. P. A.; R. H. Strickler, Treas.; W. S. Graham, Ch. Engr. | |
| | LANCASTER LEATHER CO., THE. F. A. Miller, Pres.; W. N. Clafin, V. Pres.-Gen. Mgr.; C. S. Hutchinson, Secy.-Treas. | |
| | LANCASTER LENS CO., THE. E. Dickey, Pres.; W. E. Gunion, V. P.-Treas.; Albert Steiner, Secty.; R. Nourse, P. A.; H. R. Guliam, Gen. Supt. | |
| YY | LANCASTER TIRE & RUBBER CO., THE. E. E. Lerch, Pres.; L. F. Porter, Secy.; O. H. Williams, Treas.-G. M.; Richard Gibson, Jr., Fcty. Mgr.; Gen. Supt.; B. L. Smithers, Ch. Engr.; A. Atwater, Sales Mgr. | |

LARUE, MARION COUNTY, OHIO

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| DD | THEW, W. E. & SON. W. E. Thew, Prop. |
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LEBANON, WARREN COUNTY, OHIO

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| ZZ | OREGONIA BRIDGE CO., THE. Thos. R. Spencer, Pres.-Gen. Mgr.-Pur. Agt.; W. W. Mills, V. Pres.; Howard W. Ivins, Secy.; Chas. A. Spencer, Treas.-Fcty Mgr.-Asst. Pur. Agt.; P. O. Monfort, Ch. Engr. |
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LEETONIA, COLUMBIANA COUNTY, OHIO

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| C-ZZ | FABRICATED STEEL PROD. CO., THE. Harry Lindemann, P. G. M.-P. A.; A. S. Keller, Supt.-Secty.; W. McInnes, Treas. | |
| G | HANNA FURNACE CO., THE. H. H. Foote, G. M.; Geo. Johnson, Supt. | M. O. Cleveland, O.) |
| B-K-II | LEETONIA TOOL CO., THE. Jno. R. Flooding, Pres.; E. E. Stitler, V. P.; C. E. Holt, Secty.-G. M.-P. A.; P. R. Rauch, Supt. | |
| G | McKEEFREY IRON CO., THE. W. D. McKeefrey, P.-G. M.-P. A.; E. M. Peters, Supt. | (M. O. Pittsburgh) |
| S | YOUNGSTOWN & OHIO RIVER R. R. J. D. Dewees, V. P.-G. M.-P. A. | 530 Pearl St. |

LEIPSIC, PUTNAM COUNTY, OHIO

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| R-AA-OO | TEMCO ELEC. MOTOR CO., THE. Information withheld. |
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LEXINGTON, PREBLE COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| H-X-DD | KENNEY FDY. & MFG. CO., THE Information withheld. | (Branch Mansfield, O.) |
| C-K-NN | SMITH GAS ENGR. CO., THE Information withheld. | (Br. Dayton, Ohio). |

LIMA, ALLEN COUNTY, OHIO

| | | |
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| M | ATCO WRENCH COMPANY. C. C. Gilliland, Secy.-Treas.-Pur. Agr.; R. C. Lightfoot, Supt. | |
| C | BUCKEYE MACHINE CO. G. A. Herrett, V. Pres.-Treas.; L. F. Hilmes, Secy.; C. P. Neiswander, Supt.-Pur. Agt. | |
| C-W-NN | CHALMERS PUMP & MFG. CO. C. S. Brown, Pres.; F. D. Shumat, V. Pres.; Fred Biszantz, Secy.-Treas.-Pur. Agt. | |
| B-SS | EAST IRON COMPANY. C. C. Mosher, Pres.; C. Capron, Supt.-Pur. Agt. | |
| C | GOLLEY FINDLAY IRON WORKS. J. Findlay, Gen. Mgr. | |
| E | GRAMM BERNSTEIN MOTOR TRUCK CO. R. W. Austin, Gen. Mgr. | |
| A-DD | LIMA MACHINE TOOL CO. W. R. Roberts, Prop. | |
| B-DD-II | STEINER BROS. A. P. Steiner, Prop.-Pur. Agt.; Peter Steiner, Prop.; Alrich Steiner, Prop.-Ch. Engr.; J. Steiner, Prop. | |

LISBON, COLUMBIANA COUNTY, OHIO

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| G-K | NATIONAL BRASS & COPPER CO., THE. B. Goldsmith, P. G. M.; M. Goldsmith, S.-T.-P. A.; H. A. Shaw, Ch. Engr.; W. W. Sexton, Supt.; B. Perkins, M. M. | |
| XX | THOMAS, R. & SONS CO., THE. A. G. Mason, G. Mgr. | (M. Office E. Liverpool, Ohio). |
| CC-P-DD | WRIGHT MFG. CO. H. H. Wright, Pres.; C. F. Wright, Sec.-Treas.; H. F. Wright, V. P.; W. F. Wright, V. P.; Geo. Kuntz, Fdry. Supt.; Reese Lewis, Shop Supt. | |

LOCKLAND, HAMILTON COUNTY, OHIO

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| SS-TT-B | GEDGE-GRAY CO., THE. Information withheld. | |
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LOGAN, HOCKING COUNTY, OHIO

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| D-K-HH | BREMEN METAL STAMPING CO., THE. A. D. Hufford, Pres.; A. W. Lenhart, V. Pres.; Chas. Welty, Secy.; Alph Lecrone, Treas.; C. L. Adcock, Gen. Mgr.; W. G. Trickey, Fcty. Mgr. | |
| BB-B-I-K-NN | BUCKEYE SUPPLY COMPANY. Information withheld. | |
| H-X-DD | LOGAN FDY. & MCH. CO. Information withheld. | |

LONDON, MADISON COUNTY, OHIO

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| RR | DANIELS PLOW COMPANY. E. H. Daniels, Pres. | |
| D-QQ | THOMAS & ARMSTRONG CO., THE M. B. Armstrong, Pres.-G. M.; F. H. Thomas, V. P.; C. L. Thomas, Secty. Sales Mgr.; R. W. Boyd, Treas.; W. E. Lofgren, Ch. Engr.-Prod. Mgr.; C. A. Bangert, Fcty. Mgr.; | Maple & Penn R. R. |

We're Never Surprised When A "Peerless"
 Reamer Hangs Up An Extraordinary Record.
 It Happens So Often.

LONDON, MADISON COUNTY, OHIO

| Class | Firm and Personnel | Address |
|--------|--|-----------------|
| MM-H-X | WEST MFG. COMPANY. Chas. C. Green, Pres.; W. C. Green, Treas.-Gen. Mgr. | |
| | WILLIAMS COMPANY, THE J. K. Williams, Pres.; F. M. Wallace, V. Pres.; John M. Cole, Secy.; Wm. H. Robbins, Treas.-G. M.; C. E. Galvin, Ch. Engr.; H. B. Converse, Gen. Supt.; I. S. Malambre, Pur. Agt. | 90 W. First St. |

LORAIN, LORAIN COUNTY, OHIO

| | | |
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| D | AMERICAN SHOVEL & STAMPING CO., THE. R. T. Martin, G. M. | |
| M-DD | BRUNK MCH. & FORGING CO., THE W. M. Dabney, Pres.; C. E. Krantz, V. P.; Philip Brunk, Sec.-Treas.-G. M.-P. A. Supt. | 946 Broadway |
| F | COOPERATIVE PATTERN WORKS Wm. A. Miller, Mgr.; Chas. Christman, Secy.-Treas. | 2034 Elyria Ave. |
| F | GENERAL PATTERN CO., THE F. W. Dunston, Pres.-G. M.-P. A. | 169 Buckeye St. |
| C-EE | LORAIN BOILER WORKS Geo. C. Tresell, Prop.; W. N. Tresell, Prop. | 257 Broadway |
| H-X | LORAIN BRASS & BRONZE FDY. CO., THE F. M. Stephenson, Pres.-G. M.-P. A.; E. W. Gable, V. Pres.-Fcty. Mgr.; Gen. Supt.; H. J. Yeckley, Secy.; E. G. Yeckley, Treas. | Washington Ave. & N. P. R. R. |
| H-X | LORAIN CASTINGS CO., THE. F. A. Smythe, Pres.; C. B. Smythe, V. Pres.-Sales Mgr.; R. B. Miller, Secy.-Treas.; A. W. Smythe, Gen. Mgr.; H. B. Newton, Pur. Agt. | |
| H-X | LORAIN STEEL FOUNDRY CO. W. W. Davidson, Pres.-Gen. Mgr.-Pur. Agt.; W. D. Jones, V. Pres.-Secy.; C. M. Hartzell, Treas.-Sales Mgr. | E. 28th & Globe Sts. |
| D | STEEL STAMPING CO., THE Joseph Gould, Pres.; Alex. Altfeld, V. P.; Harry Bregman, Secty.-G. M.-P. A.; T. C. Metzger, Treas.; R. Rogers, Gen. Supt.; Edw. Prieskorn, M. M.; Edw. Gould, Sales Mgr. | 3553 Broadway |
| SS-CC | THEW SHOVEL CO., THE. F. A. Smythe, Pres.; C. B. Smythe, V. P.; R. B. Miller, Sec.-Treas.; C. A. Weber, Ch. Engr.; Wm. Harris, Prod. Supt.; H. B. Newton, P. A.; A. C. Lundgren, Asst. P. A. | |
| E | UNIVERSAL BEARING CO., THE. E. G. Yeckley, Pres.; F. M. Stephenson, V. P.; H. J. Yeckley, Sec.-Treas.-G. M.-P. A. | 345 Broadway |
| EE | WHEATLEY, JOHN P. John P. Wheatley, Prop. | |

LOUDENVILLE, RICHLAND COUNTY, OHIO

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| HHH | OHIO GREASE CO., THE. C. A. Fisher, Pres.; W. A. Wander, V. P.; E. W. Beardsley, Secty.-G. M.-Sales; R. W. Beardsley, Treas.-P. A. | |
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LOUISVILLE, STARK COUNTY, OHIO

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| E | CANTON RIM CO., THE F. G. Graber, Pres.; J. J. Listinger, V. P.; Wm. Barnhart, Secty.-P. A.; C. G. Allison, Treas.; C. E. Doerschur, Supt.-G. M. | N. Chapel St. (Main Office Canton Ohio) |
| H-X | COLONIAL FDY. CO., THE C. A. Jackson, Pres.-G. M.-Treas.-P. A.; Homer Schmidt, V. P.; H. C. Roller, Secy.; Robt. E. Hug, Supt. | Chappel St |
| B-R-DD | LOUISVILLE MCH. MFG. CO., THE O. L. Keim, Pres.; Paul Loichot, G. M.-P. A.; Chas. H. Snyder, Supt. | N. Mill St |
| G-JJ | LOUISVILLE SHEET STEEL CO., THE Dr. Jas. Fraunfelter, Pres.; H. E. McCoy, V. P.; G. A. Rudy, Sec.-Treas.-P. A.; Geo. Smead, Fcty. Supt.-Engr. | Willow St |
| G-JJ | SUPERIOR SHEET STEEL CO., THE. H. A. Roemer, V. P. Gen. Mgr.; C. A. Williams, Asst. G. M.; Thos. Hencock, Ch. Engr.; F. P. Lawrence, Supt.; P. L. Howenstine, P. A. | |

LOWELLVILLE, MAHONING COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| AAA | GRASSELLI POWDER CO., THE | See M. O. Cleveland, O. |
| C | MEEHAN BOILER AND CONST. CO., THE. Patrick Meehan, Pres.-G. M.; Jas. Meehan, Jr., Sec.-P. A.; Thos. Meehan, Supt. | |
| G-JJ | SHARON STEEL HOOP CO., THE | See M. O. Sharon, Pa. |

LUCAS, RICHLAND COUNTY, OHIO

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| M-K | NIAGARA MFG. CO., THE. Information withheld. |
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MACKSBURG, WASHINGTON COUNTY, OHIO

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| K | MACKSBURG TOOL CO, THE. C. S. Blakeslee, Pres.; W. O. James, V. P.; J. D. James, Sec.-Treas.; W. E. Fisher, G. M. Managing Dir. |
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MADISON, LAKE COUNTY, OHIO

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| RR | IRON KING IMPLEMENT CO., THE. W. E. Arnold, Pres.-Gen. Mgr.-Ch. Engr.; A. E. Russ, Sr., V. Pres.; J. H. Huggins, Secy.; A. W. Leet, Master Mech. |
| KK | RUSS, A. E. TWIST DRILL CO., THE. A. E. Russ, Pres.-G. M.-P. A. |
| DD-D-E | SIMPLICITY PRODUCTS CO., THE. Information withheld. |

MALTA, MORGAN COUNTY, OHIO

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| RR | BROWN-MANLY PLOW CO., THE. Information withheld. |
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MANSFIELD, RICHLAND COUNTY, OHIO

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| EE-C | ACKERMAN, B. F. B. F. Ackerman, Prop. | |
| HH | AMERICAN CHAIN COMPANY | M. O. Bridgeport, Conn. |
| | Information withheld. | |
| V-RR | AULTMAN & TAYLOR MCHY. CO., THE | 343 N. Main St. |
| | J. E. Brown, Pres.; B. Hurxthal, Secy.; G. P. Alexander, Treas.; G. P. Willis, Asst. Treas.; H. L. Brunger, Wks. Mgr. | |
| NN | BARNES MFG. CO., THE. C. H. Voegelé, Pres.; Wm. Dow, V. Pres.; T. R. Barnes, Secy.-Gen. Mgr.; E. J. Gilbert, Treas.; Sidney Smith, Fcty. Mgr.-Gen. Supt.; J. C. Gorman, Ch. Engr.; F. L. Grimes, Prod. Mgr.; Antone Fuessner, Master Mech.; J. C. Custer, Pur. Agt. | |
| F-DD | BARR, LLOYD S. Lloyd S. Barr, Prop. | |
| F | BERLO, H. H. H. H. Berlo, Prop. | |
| H-X | BUCKEYE TEMPERED COPPER & BRASS CO. | E. 3rd St. & Penna Railroad |
| | C. H. Voegelé, Pres.; T. R. Branes, V. P.; E. J. Gilbert, Secy.-Treas.; Theo. F. Frank, G. M.-P. A. | |
| VV | BUSHNELL NOVELTY CO. C. B. Bushnell, Prop. | |
| YY | COLUMBIA TIRE & RUBBER CO., THE | 270 W. Sixth St. |
| | G. W. Henne, Pres.; W. G. Henne, V. Pres.-Gen. Mgr.; S. D. Isaly, Secy.-Treas.; H. R. Platt, Fcty. Mgr.-Gen. Supt.; W. Trauger, Ch. Engr.; W. Nagle, Prod. Mgr.; O. C. Kalbfleisch, Master Mech.; R. H. Sutherland, Pur. Agt.; F. M. Chase, Sales Mgr. | |

MANSFIELD, RICHLAND COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| EE | DEIMER, JOHN J. John J. Deimer, Prop. | |
| GGG | ECLIPSE STOVE CO., THE W. J. Tappan, Pres.; W. H. Tappan, V. Pres.; P. R. Tappan, Secy.-Treas.; C. S. Race, Asst. Secy & Cashier. | Bowman St. |
| AA | GLOBE IRON-CRUSH & SHOT CO., THE W. J. Tappan, Pres.; E. O. Townsend, V. Pres.; L. A. Cline, Secy.-Treas.-Gen. Mgr.-P. A.; M. Merschdorf, Fcty. Mgr.-Gen. Supt.; Frank Seidel, Ch. Engr. | First Ave. |
| R-E | HARTMAN ELECTRICAL MFG. CO., THE R. W. Hartman, Pres.-Treas.; C. T. Anderson, V. Pres.-Gen. Mgr.; F. O. Hartman, Secy. | 31 E. Fifth St. |
| QQ-ZZ | HUGHES-KEENAN CO., THE Arthur S. Hughes, Pres.-G. M.; Louis Freundlich, V. P.; George H. Calhoun, Sec.-Treas.-P. M.; Wm. H. Hoffman, Ch. Engr.; O. F. Schaller, P. A. | 260 N. Mulberry St. |
| BB-I | HUGHES SUPPLY CO., THE Frank A. Hughes, Pres.; Geo. H. Hughes, Secy.; C. S. Hughes, Treas. | 210 N. Main St. |
| NN-K-GGG | HUMPHREYS MFG. CO., THE W. G. Moore, Pres.-Gen. Mgr.; O. M. Gales, Secy.-Treas.; J. G. Groscost, Asst. Secy.; R. G. French, Asst. Treas. | |
| R | IDEAL ELECTRIC & MFG. CO., THE C. H. Voegele, Pres.-Treas.; Wm. Dow, V. Pres.; S. Glen Vinson, Secy.-Gen. Mgr.; W. C. Bewlay, Fcty. Mgr.; Gen. Supt.; Theo. Schou, Ch. Engr.; L. O. Stone, Master Mech.; O. H. McDaniel, Pur. Agt. | |
| H-X | KENNEY FOUNDRY & MFG. CO. Andres Kass, Pres.; John Kass, V. Pres.; H. D. Kenney, Secy.-Gen. Mgr.; J. M. Cousins, Treas. | Olivesburg Rd. |
| RR | LEAN, RODERICK MFG. CO. A. B. McLean, Pres.-G. M.; E. W. Meese, V. P.; D. O. Meese, Sec.-Treas.; C. A. Hines, P. A.; F. C. Cahall, Fcty. Mgr.-Supt.; C. E. Shiplet, Prod. Mgr.; E. N. Bushnell, Asst. P. A. | |
| H-DD-K | MANSFIELD BRASS FOUNDRY. J. H. Berry, Prop. | |
| U | MANSFIELD LOCK WASHER CO., THE W. H. Davey, Pres.; A. E. Witter, Secy.-Treas.-Pur. Agt. | 230 N. Adams St. |
| F | MANSFIELD PATTERN WKS. W. J. Neidhart, Prop. | 141 N. Adams St. (Rear) |
| G-JJ | MANSFIELD SHEET & TIN PLATE CO., THE W. H. Davey, Pres.-Treas.-Gen. Mgr.; C. F. Ackerman, V. Pres.; A. T. Davey, Secy.; Samuel Davey, Asst. Gen. Mgr.; F. W. Beach, Sales Mgr. | N. Bowman St. |
| YY | MANSFIELD TIRE & RUBBER CO., THE C. R. Grant, Pres.; G. W. Stephens, V. Pres.; Gen. Mgr.; J. E. LaDow, Secy.; Chas. Hoffman, Treas.; C. L. Willsey, Asst. Treas.; H. F. Webster, Sales Mgr. | 315 Newman St. |
| C-GG-QQ | MARTIN STEEL PRODUCTS CO., THE C. Oberlin, Pres.; Samuel Davey, V. Pres.; H. S. Black, Treas. | 210 N. Adams St. |
| GGG | NEW METHOD STOVE CO. B. A. Baxter, Gen. Mgr.; H. H. Sanford, Secy.; G. A. Hoffman, Supt. | 22 Elm St. |
| | NORTH AMER. WATCH CO. W. W. Stark, Pres.; E. M. Stark, V. P.; R. B. Piowaty, Secy.-P. A.-Sales; H. H. Hering, Treas.; H. Hoppe, Ch. Engr.; A. D. Caddell, Fcty. Mgr.-Supt. | Spring St. |
| K-R-S-H-X | OHIO BRASS CO., THE Frank B. Black, Pres.; Charles K. King, V. Pres.; Edward F. Wickwire, Secy.; Claude V. Marks, Treas.; Louis Olson, Fcty. Mgr.; P. J. Kelly, Prod. Mgr.; B. W. Forkner, P. A. | |
| R-XX | OHIO INSULATOR CO., THE F. B. Black, Pres.; E. F. Wickwire, Secy.; C. V. Marks, Treas.; A. O. Austin, Mgr.-Ch. Engr. | Office Ohio Brass Wks.—Plant Barberton, O. |
| YY | PERFECT RUBBER CO., THE C. H. Voegele, Pres.; J. M. Pitney, Secy.-Gen. Mgr.; E. O. Townsend, V. Pres.; F. M. Bushnell, Treas. | 5th & Wayne Sts |
| N | PERFECTION BED SPRING CO. Information withheld. | |
| R | PHOENIX ELECTRIC CO. A. C. Linzee, Prop.; C. J. Blair, Sales Mgr. | Wayne & 5th Sts |

MANSFIELD, RICHLAND COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-----------|--|----------------|
| DD | STANDARD MCH. & REPAIR CO. Harry Sowash, Prop.; Albert G. Wentz, Prop. | 43 Parker St. |
| H-X | SUPERIOR BRASS MFG. CO., THE W. J. Spreng, Pres.; W. S. Valmore, V. P.-Fcty. Mgr.-Supt.; E. K. Bacon, S.-T.-G. M.-P. A.-Sales; P. W. Minich, Asst. P. A. | 92 Wayne St. |
| GGG-D-H-X | TAPPAN STOVE CO., THE W. J. Tappan, Pres.; W. H. Tappan, V. Pres.-Gen. Mgr.; P. R. Tappan, Secy.-Treas.; T. E. Taylor, Fcty. Mgr.; W. R. King, Pur. Agt.; E. M. Yeingst, Asst. Pur. Agt. | |
| DD-II-EE | TAYLOR & DISE MACHINE CO., THE G. W. Taylor, Pres.; F. C. Dise, Secy.-Treas. | 116 Miller St. |
| R | WESTINGHOUSE ELECT. PROD. CO. E. M. Olin, Fcty. Mgr.; F. Thornton, Jr., Ch. Engr.; J. E. Lautsbaugh, P. A.; J. E. Smith, Gen. Supt. | 200 E. 5th St. |

MARIETTA, WASHINGTON COUNTY, OHIO

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| UU | DRAGON MFG. COMPANY W. R. Torner, Pres.-G. M.-Fcty. Mgr.-P. A.; Chas. Tresch, Secy.; Howard Torner, Treas.; Wm. C. Pease, Gen. Supt. | Union St. |
| C | HICKS, CHAS. Chas. Hicks, Prop. | |
| B-K | LEIDECKER TOOL CO., THE F. H. Leidecker, Pres. Gen. Supt.; J. M. Leidecker, V. Pres.; A. P. Thomas, Secy.; J. Leidecker, Treas. G. M. P. A.; P. B. Stewart, Fcty. Mgr.; H. M. Shafer, Ch. Engr. | |
| H-X | MARIETTA CASTING COMPANY Bert Steadman, Prop. | 507 Wood St. |
| B | PATTIN BROS. CO., THE Information withheld. | |
| G-JJ | PITTSBURGH TIN PLATE & STEEL CORP. A. V. Somers, V. P.-G. M.-Treas.; Geo. J. Birmingham, Gen. Supt. | (Genl. Offices Columbus, O.) |
| C | REID, JOSEPH GAS ENGINE CO. W. O. Platt, Pres.; A. T. Turner, Secy.-Treas.; F. R. Schoup, Gen. Mgr.; H. L. Hileman, Fcty. Mgr.-Sales Mgr.; John Reid, Ch. Engr. | 133 Second St. |
| D-QQ | SAFE CABINET CO. R. H. Dick, Pres.-Gen. Mgr.; Edgar W. Hopp, V. Pres.-Fcty. Mgr.; E. H. Wigginton, S.-T.; Carl Wolters, Ch. Engr.; Frank Hart, Gen. Supt.; A. W. Lankford, Pur. Agt. | Norwood |
| DD | STAR MACHINE SHOP L. G. Wood, Prop. | |
| RR | STEGNER MACHINE COMPANY P. Stegner, Prop. | 703 E. Green St. |
| | STEVENS ORGAN & PIANO CO., THE B. F. Strecker, Pres.; J. H. Brenan, V. Pres.; W. T. Hastings, Sec.-Treas.-G. M.-P. A. | 105 Gilman St. |
| B-NN-M | UNITED STATES TOOL & SUPPLY CO., THE J. M. Coffman, Pres.; M. C. Ginsburg, Secy.; Alex Ginsburg, Treas.; M. L. Ginsburg, Gen. Mgr.-Gen. Supt.-P. A. | 126 Market St. |

MARION, MARION COUNTY, OHIO

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| DD | BROCKETT COMPANY D. E. J. Brockett, Pres.-Gen. Mgr. | |
| C-S-V-RR | HUBER MFG. CO. G. Moore, Supt. | |
| C-P-Z-SS | MARION STEAM SHOVEL CO. F. A. Huber, Pres.; C. B. King, V. Pres.; H. C. Barnhart, Secy.-Treas.-Pur. Agt.; Ben Jacoby, Chief Engr.; J. W. Fellmuth, Supt. | |
| C-P-Z-SS | OSGOOD COMPANY. Information Withheld. | |

MARION, NARION COUNTY, OHIO

| Class | Firm and Personnel | Address |
|--------|---|---------|
| G-M-LL | POLLAK STEEL CO. Emil Pollak, Pres.; B. E. Pollak, V. Pres.; M. E. Pollak, V. Pres.; J. A. Pollak, V. Pres.; G. E. Meyers, Pur. Agt.;—Cincinnati, Ohio. G. W. Jakeway, Wks. Mgr. | |
| C | POWER MFG. CO. Geo. L. Craig, Pres.; J. M. Primm, V. Pres. & Gen. Mgr.; F. B. Morrison, Secy.-Treas.; C. H. Strasburg, Supt.; E. N. Snyder, Pur. Agt. | |
| DD | TITUS MACHINE SHOP. Information withheld. | |

MARTINS FERRY, BELMONT COUNTY, OHIO

| | | |
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| D | ACME SHEET METAL CO. -----1st & Hanover Sts. Robt. R. Kerr; A. W. Kerr, Props. | |
| AAA | AMERICAN OXIDE CO. -----S. Second Street G. A. Linsky, Pres.; Mike Linsky, V. P.; P. J. Gaertner, Sec.-Treas.; Wm. H. Neal, G. M.-P. A.; Samuel C. Martin, Fcty. Mgr. | |
| G-JJ | AMER. SHEET & TIN PLATE CO. -----Main Office Pittsburgh, Pa. E. W. Pargny, Pres.; F. A. Davis, V. P.; H. B. Wheeler, Sec.-Treas.; W. T. Hugus, G. M.-Fcty.; W. H. Bycott, M. M.; M. S. Dennis, Gen. P. A. (Pgh., Pa.) | |
| DD-TT | ARTCRAFT MOLD -----N. 1st St. George R. Hipkins, Prop.-G. M.-P. A. | |
| H-X | BEANS, JAS. H. Jas. H. Beans, Prop. | |
| H-X | BUCKEYE BRASS FOUNDRY -----Avondale Ave. Harry Weidetz, R. H. Burkle, Victor Gregory, Props. | |
| ZZ | RIVERSIDE BRIDGE CO. -----Third & Walnut Sts. A. C. Whitaker, Pres.; Alex Glass, V. P.; F. J. Park, Sec.-Treas.; J. H. Lesh, Gen. Mgr.; A. H. Deering, Ch. Engr.; H. O. Laupp, P. A. | |
| GGG | STANTON HEATER CO., THE -----Dewey St. Geo. L. Spence, Pres.-G. M.-Gen. Supt.; E. K. Hoge, V. P.; S. T. Kerr, Sec.-Treas.-P. A.; A. B. Gordon, Fcty. Mgr. | |
| F | WATSON, L. A. L. A. Watson, Prop. | |
| D-GG | WHITAKER, GLESSNER CO. Fred Nuttal, Fcty. Mgr.; W. B. Greer, P. A. | |

MARYSVILLE, UNION COUNTY, OHIO

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| RR | ADAMS COMPANY. Information withheld. | |
| H-X-DD-ZZ | MARYSVILLE FDY. & MACH. CO. Merrill M. Turner, Prop.-Supt. | |
| H-X | REGENT BRASS FDY. CO., THE. G. W. Fisher, Pres.; S. L. Fisher, V. Pres. G. M. P. A.; W. J. Holer, G. Supt. | |

MASSILLON, STARK COUNTY, OHIO

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| D | AMERICAN STAMPING AND ENAMELING CO., THE -----Columbia Hgts. J. B. Imler, Pres.; B. P. Leister, Sec.-Treas.-G. M.; W. E. Andrew, Supt.; R. E. Van Foffen, P. A. | |
| E | BEANS SPRING CO., THE -----Columbia Hgts. Jno. Beans, Pres.-G. M.; C. A. Chevraus, E. Baumgartner, Ch. Engr.; J. A. Bowers, Supt. | |
| G-JJ | CENTRAL STEEL CO., THE -----Columbia Hgts. R. E. Bebb, Pres.; F. J. Griffith, V. P.-Gen. Mgr.-Grn. Supt.; B. F. Houghton, M. M.; W. S. Orr, Ch. Engr.; Benj. Fairless, Plant Supt.; Geo. Evans, P. A.; A. D. Sipp, Asst. P. A. | |
| G-D | ENTERPRISE ALUM CO., THE -----Columbia Hgts. R. E. Bebb, Pres.; Blaine Zuver, Treas.-Gen. Mgr.; Harry Zuver, V. P.; Jos. B. Imler, Secy.; F. E. Held, Gen. Supt.; R. F. Krause, P. A. Fcty.; E. J. Koons, P. A. Office. | |

Who? HIGH CLASS EMPLOYMENT SERVICE INTERSTATE BUSINESS EXCHANGE

Est. 1906 MAIN 3629 658 ROSE BUILDING CLEVELAND Est. 1906

FOR
Executives, Engineers,
Draftsmen, Salesmen,
Office Men and Women

MASSILLON, STARK COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-------------|--|---|
| C | GEHL & MEYERS. Information withheld. | |
| C-SS | GRISCOM-RUSSELL CO., THE E. H. Nelson, Gen. Wks. Mgr.; T. E. Sellen, Asst. Wks. Mgr.; A. H. Stone, Prod. Mgr.; J. Price, Ch. Engr. (N. Y. City); Edw. Dewald, Gen. Supt.; Jos. O'Neill, P. A.; J. E. Achemier, Ch. Draft. | Lincoln Ave. (Main Office New York City) |
| H-X-UU | HESS-SNYDER & CO., THE E. H. Snyder, G. M.-P. A.; Albert A. Hess, Supt. | 415 S. Erie St. |
| D | MASSILLON ALUM. CO., THE J. V. Miller, Secty.-G. M.-P. A.; Thos. Kelly, Supt. | 733 Canal St. |
| ZZ | MASSILLON BRIDGE & STRUC. CO., THE Elton Rice, Pres.-G. M.; Fred H. Snyder, V. P.; C. D. Yost, Sec.-Treas.-P. A.; S. E. Rice, Ch. Draft.; D. L. Gregory, Supt. | M. & C. Junction |
| WW-H-X | MASSILLON FDY. & MCH. CO., THE I. M. Taggart, Pres.; F. G. Harrison, V. P.-G. M.-Treas.; W. J. Cadman, Secty. Asst. Treas.-P. A.; Howard Terhune, Ch. Engr.; A. C. Creter, Supt.; J. H. Beatty, Asst. P. A. | Columbia Hgts. |
| G-JJ | MASSILLON ROLLING MILLS CO. R. E. Bebb, Pres.; F. J. Griffith, V. P.-Gen. Mgr.; W. S. Orr, Ch. Engr.; Benj. Fairless, Gen. Supt.; Geo. Evans, P. A.; A. D. Sipp, Asst. P. A. | Columbia Hgts. (See Central Steel Company). |
| H-X | MASSILLON STEEL CASTING CO., THE E. H. Birney, Pres.; Fred H. Snyder, V. P.; F. O. Humberger, Secy.; A. H. Anthony, G. M.-P. A.; T. M. Taggart, Treas.; C. E. Nordfeldt, Supt. | Columbia Hgts. |
| G-JJ | NATL. PRESSED STEEL CO., THE F. W. Snyder, Pres.; E. H. Birney, V. P.-Gen. Mgr.-P. A.; E. C. Hoefer, Ch. Engr.; R. Stearn, Asst. P. A.; Wm. L. Beuchling, Supt. | Columbia Hgts. (See Central Steel Co.) |
| D-U | RELANCE MFG. CO., THE Frank C. McLain, Pres.; E. W. Hart, V. P.-Fcty. Mgr.; L. A. Shertzer, Ch. Engr.; K. W. Atwater, P. A.; Thos. Spuhler, Supt. | 800 Sippo St. |
| B | REYNOLDS MACHINE CO., THE Floyd C. Snyder, Pres.; O. F. Binford, Sec.-Treas.-P. A.; Jas. C. Steen, Ch. Engr.; G. F. McNulty, Supt. | |
| V-B-C-RR-SS | RUSSELL & CO., THE E. C. Merwin, Pres.-G. M.; Chas. O. Heggem, V. P.-Supt.; I. A. Yost, V. P.-P. A.; F. D. Merwin, V. P.; C. R. Heggem, V. P.; H. A. Dalsky, Sec.-Treas. | 814 Erie St. |

MASURY, TRUMBULL COUNTY, OHIO

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| S-C | STANDARD TANK CAR CO., INC. Information withheld. |
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MEDINA, MEDINA COUNTY, OHIO

| | | |
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| H-X | HENRY FURNACE & FDRY. CO., THE | (See Cleveland, O.) |
| E-V | MEDINA MFG. CO., THE R. D. Fildes, G. M.-Supt.; A. E. Thatcher, Secty.-P. A. | |
| | ROOT, A. I. CO., THE R. W. Boyden, G. M.-P. A.; F. M. Sedgwick, Gen. Supt.; G. Wilder, Asst. Supt. | |

MIAMISBURG, MONTGOMERY COUNTY, OHIO

| | | |
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| | BOOKWALTER WHEEL CO., THE. Information withheld. | |
| DD | GRESSBACK, HENRY & SONS. Henry J. Gressback, Prop. | |
| B | HOOVER & GAMBLE CO., THE J. S. Kepler, Pres.; M. O. Kepler, V. Pres.; L. J. Kepler, Secy. Treas. | |

MIAMISBURG, MONTGOMERY COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-------|--|---------|
| H-X | MIAMI FOUNDRY CO., THE. Information withheld. | |
| H-X | NATL. STOVE REPAIR. M. Bloch, Pres.-P. A.-G. M.; C. T. Niehaus, Secty.; A. Mingee, Fcty. Mgr.-Supt. | |

MIDDLEPORT, MEIGS COUNTY, OHIO

| | | |
|-------|---|--|
| DD-II | EWING MFG. COMPANY. Information withheld. | |
| C | MIDDLEPORT BOILER WKS. J. H. Williams, Prop.-G. M.-P. A.; C. Collins, Fcty. Mgr.-Supt. | |

MIDDLETOWN, BUTLER COUNTY, OHIO

| | | |
|------------|--|--|
| G-JJ-QQ | AMERICAN IRON ROOFING CO., THE..... | Grand & Young Sts. M. F. Shelt, Pres.-G. M.-P. A.; Harry Ling, V. Pres.; Jos. Luibel, Secy.; James Maher, Treas. |
| G-JJ | AMERICAN ROLLING MILL CO., THE..... | Curtis Ave. George M. Verity, Pres.; J. H. Frantz (Columbus) 1st V. P.; Chas. R. Hook, V. P.-G. M.; S. E. Eldridge, Asst. V. Pres.; R. C. Phillips, Secy.; C. W. Verity, Treas.; M. E. Danford, Wks. Mgr. (Middletown Div.); H. O. Miller, Dir. Purchases; Newman Ebersole, Asst. Dir. Pur.; D. Eppelsheimer, Consulting Engr.; G. F. Ahlbrandt, Gen. Mgr. of Sales. W. W. Sebal, Asst. Gen. Mgr. of Sales. |
| R | BARKELEW ELEC. MFG. CO., THE..... | 311 Canal St. C. W. Denny, Pres.-Treas.-Pur. Agt.; W. O. Barnitz, V. Pres.; Geo. W. Denny, Secy. |
| B-DD-II | BEVIS & SHARTLE MACHINE CO..... | West 3rd St. Guy Bevis, Prop. |
| DD | ENTERPRISE MACHINE CO..... | West 3rd St. G. R. Zecker, Gen. Mgr.; W. E. Sharkey, Ch. Engr. |
| DD-HH-U-EE | MIAMI CYCLE & MFG. CO., THE..... | Grand Ave. James W. Ash, Pres.-G. M.; Edgar Boren, Sr., V. P.; A. H. Walburg, Sec.-Treas.; Ralph E. Blackford, Fcty. Mgr.-Ch. Engr.; Edgar Boren, Jr., Asst. P. A.; O. Hartzell, P. A.; Wm. Swigart, M. M. |
| A-B-AA | OAKLEY MACHINE TOOL CO., THE. Abbott A. Thayer, Pres.; Thursten Merrell, V. P.; B. J. Frenkel, Secty.-P. A.; R. Ruzicka, Treas. | |
| G-JJ-QQ | OHIO CORRUGATED CULVERT CO., THE..... | Grand & Young Sts. (See American Iron Roofing Co.) |
| B | SHARTLE BROS. MACHINE CO., THE..... | Clark St. Chas. W. Shartle, Pres.; G. Kaffenberger, V. Pres.; Homer Martindale, Sec.-Treas.-P. A. C. Crawford, Ch. Engr. |
| DD | WEAVER MACHINE SHOP..... | Wall St. A. Weaver, Prop. |
| B-DD-II | WEBER TOOL, DIE & MACHINE CO..... | Wall St. Arthur Weber, Pres.-Treas.-P. A.; Chas. Butterfield, Secty.; Walter Bullard, Fcty. Mgr. |
| A-B-WW | WILLARD-MIDDLETOWN MCH. CO., THE. G. Mattman, Pres.-Gen. Mgr.; Thomas L. Bratten, Secy.-Treas.; Geo. Schaefer, Fcty. Mgr. Gen. Supt.; C. H. Miller, Ch. Engr.; F. M. Mendenhall, Pur. Agt.; A. A. Troyke, Sales Mgr. | |

MILLERSBURG, HOLMES COUNTY, OHIO

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| DD-II | MILLERSBURG MCH. CO. J. S. Ashworth, Prop.; T. Ashworth, Prop.; F. J. McDabe, Prop. | |
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MINERAL RIDGE, TRUMBULL COUNTY, OHIO

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| OHIO STEEL PRODUCTS CO., THE. Information withheld. | |
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| MINERVA, STARK COUNTY, OHIO | | |
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| Class | Firm and Personnel | Address |
| DD-B | LINCOLN MCH. CO., THE. A. J. Kokel, Pres.; Fred Riesen, V. P.; W. G. Kryder, Sec.-Treas.-G. M.-P. A.-Supt. | |
| XX | OWEN CHINA CO., THE C. W. Foreman, Pres.-G. M.; M. Shaw, V. P.; H. W. Kibler, Secty.; F. B. Cross, Treas.-P. A.; C. Tillet, Ch. Engr.; W. J. Thrower, Fcty. Mgr.-Supt.; Carl Gooch, M. M. | Valley St. |
| MINGO JUNCTION, JEFFERSON COUNTY, OHIO | | |
| G | CARNEGIE STEEL COMPANY..... Other information withheld. | Main Office and Purchasing Dept., Pitts., Pa. |
| U | OHIO NUT & WASHER CO., THE. C. B. Lanman, Pres.-P. A.; H. A. Lanman, V. P.; E. B. Lanman, Secty. | |
| MINSTER, AUGLAIZE COUNTY, OHIO | | |
| H-S-V | INDUSTRIAL EQUIP. CO., THE. F. J. Thieman, Pres.; J. W. Eiting, V. P.; W. A. Havemann, Secty.-P. A.-G. M.; August Schunck, Treas.; L. L. Cass, Ch. Engr. | |
| A-B-Y | MINSTER MACHINE CO., THE. C. F. Herkenhoff, Pres.; C. L. Dine, V. P.; F. W. Dine, Ch. Engr.-Gen. Supt.; J. W. Eiting, S.-T.; A. L. Herkenhoff, G. M.-Fcty. Mgr.; H. B. Boecker, P. A. | |
| H-X | ST. MARYS FOUNDRY CO., THE. C. L. Dine, Pres.; A. L. Herkenhoff, V. P.-G. M.; J. W. Eiting, Sec.-Treas.; C. E. Dine, Gen. Supt. | |
| MOGADORE, PORTAGE COUNTY, OHIO | | |
| XX | CAMP BROS CO., THE. Henry Camp, Pres.; L. W. Camp, V. Pres.; C. C. Baird, Secy.; R. E. Armstrong, Treas. | |
| XX | COLONIAL PRESSED BRICK CO., THE. J. H. Heiser, Pres.; Bert Switzer, Secy.; C. N. Miller, Treas. | |
| YY | INDIA TIRE & RUBBER CO., THE J. M. Alderfer, Pres.; J. K. Williams, V. P.-Gen. Mgr.; D. A. Grubb, Secty.-P. A.; W. G. Lerch, Supt. | Br. Akron, Ohio |
| XX-R | MOGADORE INSULATOR CO., THE. C. H. Palmer, Pres.; C. Fenton, V. Pres.-Treas.; F. A. Fenton, Secy. | |
| MONTPELIER, WILLIAMS COUNTY, OHIO | | |
| D | ELKHART STAMPING & TOOL CO. O. A. Gause, Pres.-G. M.; Wm. Gause, V. P.; B. D. Gause, Secty.-P. A. | |
| MORRAL, MARION COUNTY, OHIO | | |
| B | MORRAL BROS. Morral Bros., Props. | |
| MT. GILEAD, MORROW COUNTY, OHIO | | |
| NN-W | HYDRAULIC PRESS MFG. CO., THE W. G. Tucker, Pres.; F. B. McMillin, V. P.-Mgr.-Gen. Supt.; W. C. Batchelor, Secty.; Foster Copeland, Treas.; F. E. Stevenson, Ch. & Sales Engr.; A. L. Boggs, Prod. Mgr.-Asst. P. A.; H. C. Little, P. A.; C. L. Middleton, Sales Mgr. | Lincoln Ave. |

MT. VERNON, KNOX COUNTY, OHIO

| Class | Firm and Personnel | Address |
|---------|---|---------------------|
| B | BUTCHER BAILING MACHINE CO., THE. Geo. A. McNable, Pres.-Treas.; Warren Butcher, V. Pres. | |
| | CHAPMAN ENGINEERING CO., THE. Information withheld. | |
| B-C | COOPER, C. & G. CO., THE. B. B. Williams, Pres.-Gen. Mgr.; F. H. Thomas, V. Pres.; Z. E. Taylor, Secy.-Prod. Mgr.; N. L. Daney, Treas.; H. E. Gehres, Ch. Engr.; B. L. Larsen, Gen. Supt.; J. M. Capron, P. A. | N. Sandusky St. |
| DD-EE | CORNELL'S MACHINE & WELDING SHOP. E. M. Cornell, Prop.-Supt. | |
| K | HAMMON COUPLER CO., THE. Information withheld. | |
| | HOPE FORGE & MCH. CO. Informaion withheld. | |
| XX | LAMB GLASS CO., THE. Information withheld. | |
| B-DD-II | MARION DIE TOOL & MCH. CO., THE. B. B. Williams, Pres.; Z. E. Taylor, Secy.; N. L. Daney, Treas. | (Also Marion, Ohio) |
| ZZ | MT. VERNON BRIDGE CO., THE. I. M. Wolverton, Pres.-Treas.; C. G. Conley, Secy. | |
| H-S-X-B | MT. VERNON FDY. & ENGR. CO., THE. James J. Sexton, Pres.; George L. Mooney, V. Pres.; John W. Mullin, Secy.-Treas.-P. A.; R. J. Fouch, Fcty.-Mgr.-Gen. Supt. | |
| W-Y | WILLIAMSON HYDRAULIC CLUTCH CO., THE. H. C. Sherman, Pres.; Edgar Thomas, V. Pres.-Gen. Supt.; B. R. Parker, Secy.-G. M.; R. F. Cole, Treas.; E. M. Cornell, Ch. Engr. | |

NAPOLEON, HENRY COUNTY, OHIO

| | |
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| C-QQ-ZZ | HELLER-ALLER CO., THE. Fred Ritz, Pres.-Pur. Agt.; O. P. Tietjens, Secy.-Treas.-Sales Mgr. |
| N | U. S. AUTOMATIC SPRING CO. Information withheld. |

NELSONVILLE, ATHENS COUNTY, OHIO

| | | |
|-----------|---|----------------------|
| H-X-DD-II | NELSONVILLE FDRY. & MCH. CO., THE. H. H. Jackson, Pres.; R. H. Jackson, G. M.-P. A. | |
| | OHIO FIREPROOFING CO., THE. Information withheld. | M. O. Columbus, Ohio |

NEWARK, LICKING COUNTY, OHIO

| | | |
|--------|---|---------------------------|
| E | AMERICAN MOTOR TRUCK CO., THE. Information withheld. | |
| G | BUCKEYE ROLLING MILLS CO., THE | (See Steubenville, Ohio). |
| B-K | BECKER COMPANY CO., THE J. A. Becker, Pres.-Gen. Mgr.; E. R. Holt, V. Pres.-Pur. Agt.; E. L. Morrison, Sec.-Treas.; E. B. Miller, Fcty. Mgr.-Gen. Supt.; H. G. Headlee, Ch. Engr. | Essex & Indiana Streets. |
| GGG-QQ | MAY-FIEBERGER FURNACE CO., THE. R. A. Gulick, Pres.-Fcty. Mgr.-P. A.; W. W. Davis, V. Pres.; W. K. Wobbecke, Treas.-Secy.; B. B. Pryor, Asst. Treas.-Asst. Pur. Agt. | 48, St. Clair St. |
| YY | PHARIS TIRE & RUBBER CO. A. R. Lindorf, Pres.; C. H. Otto Meyer, V. Pres.; Chas. Lindrooth, Secy.; R. S. Wyeth, Treas.; Carl Pharis, Gen. Mgr.-Fcty. Mgr.; Geo. Bryson, Ch. Engr.; Joe Flannigan, Prod. Mgr.; J. E. Lorentz, Gen. Supt. | |
| DD | SCHEIDLER MCH. WKS. CO., THE. Information withheld. | |



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| NEWARK, LICKING COUNTY, OHIO | | |
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| Class | Firm and Personnel | Address |
| B-DD-II-H-X | SIMPSON FDY. & ENGR. CO., THE C. C. McGruder, Pres.; J. S. Herzog, V. Pres.-Gen. Mgr.; W. T. Suter, Secy.-Treas.; B. L. Meyers, Ch. Engr. | Sprague St. & B. & O. Railway |
| DD-II-U | TOOL & MACHINE PRODUCTS CO., THE J. A. Chilcote, Pres.; J. F. Van Voorhis, V. Pres.; H. E. Chilcote, Secy.-Treas.-P. A.; J. S. Herzog, Gen. Mgr.-Fcty. Mgr. | Waldo St. |
| GGG | WEHRLE CO., THE. Information withheld. | |
| NEW BREMEN, AUGLAIZE COUNTY, OHIO | | |
| E-CC | AUGLAIZE HOIST & BODY CO. J. H. Grothaus, Pres.; G. A. Kueming, V. Pres.; A. C. Settlege, Treas.-G. M.-P. A.; Fred Lomfersieck, Master Mech. | |
| ZZ | NEW BREMEN BRIDGE CO., THE. Information withheld. | |
| A-B-WW | STREINE TOOL & MFG. CO., THE. A. L. Herkenhoff, Pres.; Frank H. Streine, V. Pres.-Gen. Mgr.-Gen. Supt.; J. W. Eiting, Secy.-Treas.; W. M. Strohmeier, Fcty. Mgr.-Pur. Agt.; F. W. Holland, Ch. Engr.; E. A. Kiefer, Master Mech. | |
| NEWCOMERSTOWN, TUSCARAWAS COUNTY, OHIO | | |
| H-X | BOWES-GARFORTH MFG. CO. Information withheld. | |
| XX | CLOW, JAS. B. & SONS. W. C. Clow, G. M.-Supt.-P. A.; F. W. Schwab, Asst. Mgr. and Asst. Supt. | |
| MM | REX FILE CO., THE A. Heller, Pres.; H. W. Murphy, Treas.; M. Frank Wilson, Gen. Mgr.-Supt. P. A.; Walter D. Craft, Sales Mgr. | Genl Offices Newark, N. J. |
| K-DD | STERLING SPECIALTY CO., THE. Information withheld. | |
| NEW LEXINGTON, PERRY COUNTY, OHIO | | |
| | PERRY MFG. CO., THE. Information withheld. | |
| NN-K | MURRAY PUMP & VALVE MFG. CO., THE R. W. Murray, Pres.-G. M.-Treas.-P. A.; J. T. Pyle, V. P.; W. A. Allen, Secty.; Lloyd Bennet, Gen. Supt.; R. M. Wright, M. M. | Spring St. |
| S | STAR MFG. CO., THE. Information withheld. | |
| NEW PHILADELPHIA, TUSCARAWAS COUNTY, OHIO | | |
| G-JJ | AM. SHEET & TIN PLATE CO., THE W. L. Davis, Mgr.; Henry Allman, M. M.; Elmer Griffith, Asst. Supt.-Wks. Mgr. | Main Office Pittsburgh, Pa. |
| D | BELMONT STAMPING & ENAMELING CO., THE. N. W. Judkins, G. M.-P. A.; R. A. Anderson, Wks. Mgr.; B. DeWitt, Supt. | |
| A-B-KK-DD | BUCKEYE TOOL & MCHRY. CO., THE. W. R. Ritter, Gen. Mgr.-Wks. Mgr.-P. A.; Jas. Fishel, Supt. | |
| DD-EE | CARROTHERS, R. S. R. S. Carrothers, Prop. | 817 W. High St. |
| QQ-D | HARMON EAVES TROUGH HANGER CO. M. W. Harmon, Secty.-G. M.; C. H. Harmon, Treas.-P. A.-Sales; H. Swisslulm, Fcty. Mgr. | |
| S-H-X-DD | LADEL MFG. CO., THE. Fred F. Hall, Pres.; Ivor Harris, V. P.; E. C. Browne, S.-T.-P. A.; U. D. Miller, Wks. Mgr. | |
| I-DD | SHARP MFG. & SUPPLY CO., THE. E. D. Sharp, Pres.-G. Mgr.; E. T. Cox, S.-T.-P. A.; E. G. Olmstead, Shop Supt. | |
| R-H-X | WISE-McCLUNG MFG. CO., THE. F. Wise, Pres.-G. M.; T. O. Adams, Ch. Engr.; E. E. Gulbrandson, P. A.; C. W. Goettge, Supt. | |

Who? HIGH CLASS EMPLOYMENT SERVICE

Est. 1906 INTERSTATE BUSINESS EXCHANGE Est. 1906

MAIN 3629 658 ROSE BUILDING CLEVELAND

FOR
Executives, Engineers,
Draftsmen, Salesmen,
Office Men and Women

NEW RICHMOND, CLERMONT COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-------|--|---------|
| S-H-X | AMERICAN BRAKE SHOE & FOUNDRY CO., THE. Information withheld. | |

NEWTON FALLS, TRUMBULL COUNTY, OHIO

| | | |
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| | NEWTON FALLS MFG. CO. Chas. H. Carr, Sec.-Treas.-G. M. | |
| G-JJ | NEWTON STEEL CO. | Also Youngstown, Ohio |
| | Information withheld. | |
| ZZ | OHIO STRUCTURAL STEEL CO., THE. M. H. Stauffer, Pres. G. M. P. A.; J. N. Heltzel, V. Pres.; W. E. Calderwood, Secy.; R. B. Stauffer, Trers.; J. S. Mitchell, Ch. Engr.; A. J. Hall, Gen. Supt. | |

NEW WASHINGTON, CRAWFORD COUNTY, OHIO

| | | |
|---|--|--|
| R | PERFECTION ELEC. PRODUCTS CO., THE. Information withheld. | |
| D | REYNOLDS ALUMINUM CO., THE. Information withheld. | |

NILES, TRUMBULL COUNTY, OHIO

| | | |
|------|--|--------------------------|
| YY | AM. TIRE CORP. CORP., THE. Wm. Dall, V. P. G. M. P. A.; H. W. Lantz, Ch. Engr.; Oscar Knair, Supt. | |
| QQ | BOSTWICK STEEL LATH CO., THE. W. G. Hurlburt, Pres.-G. M.-P. A.; W. G. Hurlburt, Jr., Sec.-Treas.-P. A.; R. L. Sanderson, Supt. | |
| G-JJ | BRIER HILL STEEL CO., THE (Thomas Wks.) | M. O. Youngstown, Ohio |
| | Jas. H. Grose, Pres.; Chas. B. Cushwa, Gen. Mgr.; Edw. Holloway, Supt.; C. A. Ilgenfritz, P. A. | |
| G-JJ | CARNEGIE STEEL COMPANY. Main Office and Purchasing Dept., Pitts., Pa. Other information withheld. | |
| G-JJ | FALCON STEEL CO., THE | Warren Ave. |
| | W. W. Lewis, Gen. Supt.; R. Grove, Ch. Engr.; Edw. McMara, P. A. | |
| GG-K | KENNEDY-REITER MFG. CO., THE. Information withheld. | |
| G | MAHONING VALLEY STEEL CO. J. D. Waddell, Pres.-G. M.; M. A. Jones, P. A. | |
| M-G | NILES FORGE & MFG. CO., THE | Grant St. (Sl. End) |
| | A. F. Swaney, Pres.-G. M.; Wm. James, P. A.; Saml. Chidister, Supt. | |
| R-XX | NILES GLASS DIV. NATIONAL LAMP WKS. OF GENERAL ELECTRIC CO. M. O. Schneetady, N. Y. (Send all mail to Bulb and Tubing Dept., Cleveland, O.) M. G. McMahon. | |
| G-ZZ | NILES IRON & STEEL ROOFING CO. Information withheld. | |
| G-JJ | NILES STEEL PROD. CO., THE. J. E. Fitzgerald, Pres.-Treas.; A. E. Quere, Gen. Mgr.-P. A.; D. W. Thomas, Supt. | |
| QQ | OHIO GALVANIZING & MFG. CO., THE. A. J. Bentley, Pres.-P. A.; F. F. Bentley, Wks. Mgr. | |
| G-JJ | REP. IRON & STEEL CO., THE (Niles Wks.) | N. Main St |
| | (See M. O. Youngstown, Ohio.) | |
| C | STANDARD BOILER AND PLATE IRON CO., THE. D. J. Finney, Pres.-Treas.; C. W. Finney, V. Pres.-Secy.-Prod. Mgr.; W. R. Gilbert, Gen. Mgr.-Fcty. Mgr.-Pur. Agt.; L. C. Campbell, Ch. Engr.; J. W. Mathews, Gen. Supt.; G. R. Gilbert, Asst. Pur. Agt.-Sales Mgr.; O. C. Evans, Traffic Mgr. | |
| K | STANLEY WKS., THE | M. O. New Britain, Conn. |
| | R. M. Smith, G. M.-Supt.; D. L. Lewis, P. A. | |

NILES, TRUMBULL COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-------|--|--------------|
| GG | STEVENS METAL PROD. CO., THE. W. H. Stevens, Pres.-Treas.; E. D. Thompson, Secty.-Mgr.-P. A.; Frank Heams, Supt. | |
| QQ | SYKES METAL LATH & ROOFING CO. Ira A. Thomas, Pres.-P. A.; F. J. Thomas, Gen. Mgr.; Harry Schaeffer, Supt. | |
| D | WILSON MFG. CO., THE. W. A. McClelland, V. P.-P. A.-Supt. | 100 Erie St. |
| S | YOUNGSTOWN STEEL CAR CO., THE. Wm. Wilkoff, Pres.; L. A. Lenhart, V. P.-G. M.; L. C. Wilkoff, Treas.; Wm. Kerr, P. A.; A. M. Domke, Gen. Supt. | |

NORTH BALTIMORE, WOOD COUNTY, OHIO

| | | |
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| DD-H-X | FRANCE FOUNDRY & MACHINE CO., THE. Information withheld. | |
| DDD | SHARP SIGNAL COMPANY. Information withheld. | |
| SS | TRACTION MACHINE CO., THE. M. F. Leathers, Pres.; L. W. Fetzer, V. Pres.; L. A. Krupp, V. Pres.-Gen. Mgr.-Ch. Engr.; C. G. Nigh, Secy.-Treas.; O. B. McKenna, Pur. Agt. | |

NORTH FAIRFIELD, HURON COUNTY, OHIO

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| RR | FAIRFIELD PLOW WORKS. Information withheld. | |
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NORTH KINGSVILLE, ASHTABULA COUNTY, OHIO

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| K | CRANDALL BROS. H. I. Crandall, G. M. | |
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NORWALK, HURON COUNTY, OHIO

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| G-JJ | CRUCIBLE STEEL CO., OF AMERICA. C. W. Stroup. | |
| NN | F. R. X. MFG. CO., THE. M. L. Dunbar, Pres.; Eugene Englert, Secy.-Treas. | |
| AA-DD | FREDERICK MACHINE WKS. Charles L. Frederick, Prop. | Foster Ave. & N. Y. C. R. R. |
| YY | MAPLE CITY RUBBER CO., THE. C. V. Martin, Pres.-Treas.; W. G. Broughton, Secy. | |
| DD-E-GGG | NORWALK AUTO PARTS CO. E. D. Shearman, Pres.; S. H. Penfield, V. Pres.; A. E. Linendoll, Secy.-Gen. Mgr.; R. J. Barrows, Treas.; R. Reddick, Ch. Engr.; R. E. Peat, Gen. Supt. | |
| B | NORWALK DRILLING TOOL CO., THE. James Kavanaugh, Pres.; E. G. Martin, Secy.-Treas. | |
| H-X | NORWALK FOUNDRY CO., THE. Thomas Davis, Pres.; A. B. Hamilton, Secy.-Treas. | |
| DD-II | NORWALK TOOL COMPANY. Information withheld. | |

OAKHARBOR, OTTAWA COUNTY, OHIO

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| XX | LIBERTY CUT GLASS WORKS. Information withheld. | |
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OAK HILL, JACKSON COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| TT | OAK HILL FDY. & MCH. WKS. W. E. Dole, Pres.-Gen. Mgr.-Pur. Agt.; E. Dole, Secy.-Treas.; W. E. Dole, Jr., Fcty. Mgr.; C. E. Whitt, Master Mech. | |
| DD | SCHRADER & KENT MACHINE CO. Information withheld. | |

OBERLIN, LORAIN COUNTY, OHIO

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| SS | OHIO ROAD MACHINERY CO., THE. J. C. Smith, Receiver. | |
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ORRVILLE, WAYNE COUNTY, OHIO

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| H-X | HAGAN FDRY. CORP.N. Main St.—Wks. Pittsburgh, Pa. J. M. Hopewood, Pres.; F. B. Hooper, V. P.-Gen. Mgr.; J. E. Vollmer, Supt. | |
| H-K-X | LAY-VAL BRASS CO. A. J. Vallee, Partner; J. B. Blais, Partner. | |
| E-QQ | OHIO BODY & BLOWER CO.N. Main St. (Gen. Offices Cleveland, O.) D. K. Swarthout, Pres. (Cleve., O.); H. H. Lind, V. P.-Treas.-Gen. Mgr., Cleve., O.); W. E. Clement, Secy. (Cleve., O.); H. Rohan, P. A. (Cleve., O.); H. J. Mastenbrook, Supt.; H. C. Miller, Prod. Mgr. | |
| B-C | SANDERSON-CYCLONE DRILL CO., THE. R. S. Sanderson, Pres.-G. M.; W. C. Myers, P. A.; H. L. Marty, Supt.; A. J. Rosenbaum, Ch. Eng. | |
| B-F-H-X-EE | WILL-BURT CO., THEN. Main St. B. G. Cope, Pres.-G. M.; H. Simon, Supt.; A. P. Heimann, P. A. | |

PAINESVILLE, LAKE COUNTY, OHIO

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| B | COE MFG. COMPANY, THEBank St F. W. Milbourn, Pres.-G. M.; W. H. Collier, V. P.; A. J. Vance, Secty.-P. A.; E. D. Heartwell, Treas. | |
| H-X | LAKE ERIE FDRY. CO., THERichmond St. F. M. Wyss, Pres.-G. M.; R. G. Horsburg, V. P.; W. J. Feth, Secty.-P. A.; T. B. Horsburg, Treas. | |
| F | LEWIS, OSCAR (Prop.)Maiden Lane | |
| H-X | LIGHT ALLOYS CO., THEStage St. Norman Craig, Pres.-Gen. Mgr.; J. F. McCashen, V. Pres.-Treas.; H. B. McGraw, Secy.; James Moffatt, Fcty. Mgr.-Pur. Agt.; Wm. R. Mample, Gen. Supt.; C. C. Harmon, M. M. | |
| QQ | OHIO MFG. COMPANYCor. State & Sanford Sts. H. A. Post, Prop.-Supt. | |
| K | PAINESVILLE METALLIC BINDING CO., THE. P. K. Smith, Pres.-P. A.; W. F. Smith, V. P.; C. J. Alden, Sec.-Treas.-Sales Mgr. | |

PERRYSBURG, WOOD COUNTY, OHIO

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| | AMERICAN NATIONAL CO., THE.M. O. Toledo, Ohio Information withheld. | |
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PIQUA, MIAMI COUNTY, OHIO

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| B-MM | CHAMPION CUTTER & FIXTURE CO. J. E. Bryan, Pres.-Sales Mgr.; A. H. Boyer, V. Pres.; C. L. Hinch, Sec.-Treas.-G. M.-P. A. | |
| H-X | CHAMPION FOUNDRY CO., THE. J. E. Bryan, Pres.-G. M.-P. A.; C. Foster Stickler, S. T.; E. Sheaf, Fcty. Mgr. | |
| GGG | FAVORITE STOVE & RANGE CO., THE. Stanhope Boal, Pres.; E. W. Lape, V. Pres.-Treas.; L. M. Frigge, Secy.; Chas. C. Jelleff, Gen. Mgr.-Fcty. Mgr.-Pur. Agt.; Chas. Ashton, Ch. Engr.; John H. Frecker, Gen. Supt.; Geo. Henry, Master Mech. | |

PIQUA, MIAMI COUNTY, OHIO

| Class | Firm and Personnel | Address |
|---------|---|---------|
| B | FRENCH OIL MILL MCHY. CO., THE. A. W. French, Pres.-G. M.; J. W. Brown, V. Pres.; W. Cook Rogers, Secy.-Treas.; C. B. Upton, Fcty. Mgr.-P. A.-Sales Mgr. | |
| E | METEOR MOTOR CAR CO., THE. Maurice Wolfe, Pres.-G. M.-Fcty. Mgr.; J. L. Boyer, V. Pres.; Arnot Boyer, S.-T.-Prod. Mgr.; J. C. Geyer, Pur. Agt.; J. L. Purdy, Sales Mgr. | |
| B-DD-II | MIAMI MACHINE COMPANY. J. L. Hershy, Prop.-Sec.-Treas.-Gen. Mgr.; L. B. Hershy, Prop.-Pur. Agt. | |
| | PIONEER POLE & SHAFT CO. H. D. Hartley, Pres.-G. M.; W. A. Snyder, Ch. Exec. Board; J. H. Smith, V. Pres.; G. A. Lambert, V. Pres.; F. E. D. Keplinger, V. Pres.; W. W. Edge, Secy.-Treas.; W. C. Hamilton, Fcty. Mgr. (Piqua Plant). Branch Plant at Sidney, Ohio. | |
| | PIQUA HANDLE & MFG. CO., THE. Wm. Cook Rogers, Pres.-G. M.; A. M. Leonard, V. Pres.; C. H. Barnett, Secy.-Treas.-Sales Mgr.; C. A. Ross, Fcty. Mgr.; C. U. Upton, Gen. Supt.; W. B. Unkefer, Pr. Agt. | |
| D | WOOD SHOVEL & TOOL CO., THE. W. W. Wood, 3rd., Pres.-Treas.-G. M.; C. C. Procter, Secy.-Fcty. Mgr.-P. A.; M. H. Lytle, Prod. Mgr.; F. C. Brandenburg, Gen. Supt.; C. L. Butts, Sales Mgr. | |

PLYMOUTH, RICHLAND COUNTY, OHIO

| | | |
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| K-S-TT | FATE-ROOT-HEATH CO., THE. J. A. Root, Pres.; C. E. Heath, V. P.-G. M.-P. A.; P. H. Root, Secty.; H. R. Sykes, Treas. F. B. Carter, Ch. Engr. | |
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POMEROY, MEIGS COUNTY, OHIO

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| DD | CRAWFORD, JOHN M. John M. Crawford, Prop. | |
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PORT CLINTON, OTTAWA COUNTY, OHIO

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| | MATTHEWS COMPANY, THE. S. J. Matthews, Pres.-G. M.-Fcty. Mgr.; J. C. Thorn, V. P.; George A. Tine, Sec.-Treas.; C. S. Matthews, Ch. Engr.; S. J. Miller, P. A.; B. E. Frederici, M. M. | |
| R | NATIONAL RETARDER CO., THE. Information withheld. | |
| YY | OHIO STATE RUBBER TIRE CO., THE. Information withheld. | |

PORTSMOUTH, SCIOTO COUNTY, OHIO

| | | |
|---------|---|-----------------|
| DD-II-R | MONRAD ENGR. CO., THE. A. L. Monrad, Pres.-Gen. Mgr.; J. A. Schramm, V. Pres.-Pur. Agt.; O. A. Monrad, Secy.-Treas. | 915 Fourth St. |
| GGG | OHIO STATE STOVE CO., THE. Information withheld. | |
| GGG | PORTSMOUTH STOVE & RANGE CO., THE. F. V. Knauss, Pres.-G. M.-P. A.; John B. Knauss, V. P.-Treas. | |
| C-V | RELIABLE TRACTOR & ENGINE CO., THE. C. Heer, Pres.-G. M.; B. H. Dillon, V. P.; M. Heer, Sec.-Treas.; J. B. Green, Ch. Engr.; V. R. Tufts, Fcty. Mgr.-P. A. | Spring Lane |
| H-X-DD | SIMPSON BROTHERS. J. E. Simpson, Prop.-G. M.; Paul C. Snyder, P. A. | 2204 Gallia St. |
| GG | WHITAKER, GLESSNER CO., THE. Information withheld. | |
| DD-II | WOLFORD MACHINE CO. C. O. Massa, Pres.; M. K. Newman, V. Pres.; D. E. Newman, Secy.; F. A. Lilly, Treas.; George Wolford, Gen. Mgr. | 729 5th St. |



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PROSPECT, MARION COUNTY, OHIO

| Class | Firm and Personnel | Address |
|--------|--|---------------|
| C-NN-E | PROSPECT MFG. CO., THE A. E. Johnson, Pres.-Treas.; A. F. Wottring, V. P.; H. E. Thomas, Secty.-P. A.; S. L. Wottring, G. M.-Fcty. Mgr. | South Elm St. |

RAVENNA, PORTAGE COUNTY, OHIO

| | | |
|--------|---|-----------------------------|
| XX | ALBRIGHT, J. E. COMPANY. J. E. Albright, Gen. Mgr.-Pur. Agt.; B. F. Fleishman, Gen. Supt. | |
| P-CC-Z | BROWNING CO., THE Robt. S. Keppie, Supt. | Main Office, Cleveland, O.) |
| P-CC-Z | BYERS JOHN F. MACHINE, CO., THE. H. C. Beckwith, Gen. Mgr.-P. A.; R. D. Matteson, Gen. Supt.; Henry Jones, Asst. Supt. | |
| EE | CREQUE, S. A. S. A. Creque, Prop. | 125 Spruce St. |
| K | DONNELLY MFG. CO., THE. P. J. Donnelly, Pres.-G. M.-Fcty. Mgr.-P. A.; A. D. Robinson, V. Pres.; J. S. Yeends, Secy.; J. R. Chapman, Treas. | |
| ZZ | JONES BROS. STRUCTURAL STEEL CO., THE. J. A. Jones, Pres.-P. A.; G. G. Jones, V. P.-Gen. Supt.; B. F. Jones, Sec.-Treas.-Engr.-Supt.; W. R. Jones, Gen. Mgr. Fcty. Mgr. | |
| R | MANHATTAN ELECT. SUPPLY CO. Walter Mann, Supt. | Br. New York City |
| H-X-DD | PERFECTION PISTON RING CO., THE. Albert Jones, Supt. | |
| GGG-QQ | RAVENNA FURNACE & HEATING CO., THE. J. F. Babcock, Pres.; P. L. Frank, V. Pres.; Albert Dietrich, Sec.-Treas.-G. M.-P. A.-S. M.; Dan J. Harris, Fcty. Mgr.-Gen. Supt.; J. L. Heller, Master Mech.; J. F. Dietrich, Asst. P. A. | |
| E | RIDDLE MFG. CO., THE. G. H. Robinson, Gen. Mgr.-P. A.; H. W. Riddle, Jr., Supt.; B. L. Le Roy, Ch. Engr. | |
| | WILLIAMS, A. C. CO., THE. Harry Cole, Supt. | |

READING, HAMILTON COUNTY, OHIO

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| | NIVISON-WEISKOPF CO., THE Information withheld. | M. O. Cincinnati, O. |
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RIPLEY, BROWN COUNTY, OHIO

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| D-H-X-DD | RIPLEY FOUNDRY & MCH. CO., THE. W. L. Russell, Pres.-Treas.-Pur. Agt.; R. L. Russell, V. Pres.-Gen. Mgr.; H. L. Russell, Secy. | Front St. |
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ROSEVILLE, MUSKINGUM COUNTY, OHIO

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| D-N | PEMBERTON-SETTLE CO. T. O. Pemberton, Pres.-Treas.-G. M.-Supt.; K. D. Smith, V. P.-Fcty. Mgr.-P. A.; T. O. Pemberton, Sales Mgr. | |
| XX | LOWERY, F. S. POTTERY CO. Curtis W. Lowrey, Prop. | |

ROSSFORD, WOOD COUNTY, OHIO

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| XX | FORD, EDWARD, PLATE GLASS CO., THE. Information withheld. | |
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| <i>SABINA, CLINTON COUNTY, OHIO</i> | | |
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| Class | Firm and Personnel | Address |
| DD | ANDRES, G. W. & SON. G. W. Andres, Prop. | |
| NN | CLINTON MFG. CO. Information withheld. | |
| <i>ST. BERNARD, HAMILTON COUNTY, OHIO</i> | | |
| H-X | IDEAL MATCH PLATE & FOUNDRY CO. Information withheld. | |
| F | IDEAL PATTERN WORKS. Robert Schlegel, Prop. | |
| DD-II-AA | KOEHLER MFG. COMPANY. Information withheld. | |
| <i>SAINT MARY'S, AUGLAIZE COUNTY, OHIO</i> | | |
| HH | AMERICAN CHAIN CO., THE. Information withheld. | |
| C | BOOS OIL ENGINE CO., THE. C. W. Schmehl, Pres.-Treas.; A. C. Buehler, V. Pres.; W. H. Gillett, Secy.-Gen. Mgr.-Sales Mgr. | South & Pine Sts. |
| E | CRANE & McMAHON. Information withheld. | |
| BB-I-K-R | JASPERSEN SUPPLY CO., THE Wm. Jaspersen, Pres.-Gen. Mgr.; F. M. Smith, Secy.-Treas.-P. A. | 114 E. Spring St. |
| B-WW | QUICKWORK CO., THE. H. Collier Smith, Pres.-G. M.-Ch. Engr; A. F. Smith, V. P.-Treas.; H. E. Grove, Secty.-P. A. | |
| K-H-X | REGENT BRASS FOUNDRY CO., THE. Geo. W. Fischer, Pres.; Sidney L. Fisher, V. P.-P. A.-G. M.; Wm. J. Hofer, Gen. Supt. | |
| <i>SALEM, COLUMBIANA COUNTY, OHIO</i> | | |
| RR | ACME CULTIVATOR CO., THE. Information withheld. | |
| G-JJ-N | AMERICAN STEEL & WIRE CO., THE. T. J. Rossiter, G. M.-Supt. | Mill St. (M. O. Cleveland, O.) |
| A-B-WW | BLISS, E. W. COMPANY CO., INC. A. B. Haslam, G. M.; W. F. Cosgrove, P. A.; W. F. Vaughan, Ch. Engr.; W. W. Baillie, Supt. | Salem Wks.—(M. O. Brooklyn, N. Y.) |
| NN | DEMING CO., THE Wm. L. Deming, Pres.-G. M.; F. J. Emeny, Ch. Engr.; J. B. Garber, Supt.; R. R. Miller, P. A. | Depot St.—also Chicago, Ill. |
| BBB | ELECT. FURNACE CO., THE T. F. Baily, V. P.; E. G. Ernst, Treas.-G. M.; F. T. Cope, Ch. Engr.; J. P. Conway, P. A.; G. P. Lozier, Shop Supt. | M. O. Alliance, Ohio. |
| F | JESSUP, STEPHEN C. PATTERN WORKS S. C. Jessup, Prop. | Roosevelt Ave. |
| E | MULLINS BODY CORP. H. C. Nelson, Gen. Mgr.; Gordon Keyes, Ch. Engr.; J. H. Blackburn, P. A.; A. T. Richmond, Supt. | Depot St. |
| XX | NATL. SANITARY CO., THE. Fred H. Snyder, Pres.; J. Fred Coxon, V. P.; R. A. Lamont, Jr., Sec.-Treas.-P. A.; Phil Leider, Gen. Supt. (Salem). | |
| H-X-DD | PITTSBURG FDRY. & MACHINE CO. H. Ball, G. M.-Supt. | Wilson St.—M. O. Pittsburg, Pa. |
| XX | SALEM CHINA COMPANY, THE. F. H. Sebring, Jr., Pres.; F. W. McKee, Sec.-Treas.-G. M.-P. A. | |
| DD-B | SALEM TOOL CO., THE H. S. Wilson, Pres.-Supt.; J. H. Wilson, Secty.-P. A.; H. L. Weikart, Supt. | Depot St. |

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SALEM, COLUMBIANA COUNTY, OHIO

| Class | Firm and Personnel | Address |
|--------|--|---------|
| A-RR-B | SILVER MFG. CO., THE. E. W. Silver, Pres.-G. M.; H. M. Silver, V. P.-Supt.; A. O. Silver, Treas.; P. B. Tucker, P. A. | |
| GGG | VICTOR STOVE CO., THE. C. C. Gibson, Pres.; C. E. Sweney, V. P.-G. M.-Supt.-P. A.; W. A. Brown, Sec.-Treas.-Sales Mgr. | |

SALINEVILLE, COLUMBIANA COUNTY, OHIO

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| DD | RICE, JOHN. John Rice, Prop. | |
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SANDUSKY, ERIE COUNTY, OHIO

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| H-X | BAY VIEW FOUNDRY COMPANY. | 125 McDonough St. |
| | E. Lea Marsh, Pres.-Treas.; A. J. Wentworth, V. Pres.; F. J. Harten, Secy.-Asst.-Treas. | |
| U-M-D | BRIGHTMAN NUT & MFG. CO. | Tiffin Ave. and Broadway. |
| | Frank Stang, Pres.; Wm. F. Senn, Gen. Mgr.-Pur. Agt.; John Alton, Prod. Mgr.; E. T. Holt, Gen. Supt. | |
| H-X-Y | BROWN CLUTCH CO., THE. | 1737 So. Camp St. |
| | T. J. Morgan, Pres.-Treas.-P. A.; John Feick, V. P.; J. A. Speiker, Secty.; | |
| | C. W. Hattmon, Gen. Supt. | |
| VV | EASIEST WAY MFG. CO., THE. | W. Adams & Harrison Sts. |
| | J. F. Donahue, Pres.-Treas.-Gen. Mgr.; C. Faber Donahue, V. Pres.-Pur. Agt.; | |
| | C. Webb Sadler, Secy. | |
| H-X | FARRELL CHEEK STEEL FDY. CO. | |
| | Herbert Farrell, Pres.; J. O. Cheek, V. Pres.; J. E. Sweet, Secy.; R. C. Farrell, Treas.; | |
| | A. S. F. Blackwood, Gen. Mgr.; F. P. Murschel, Prod. Mgr.; John Hengle, M. M.; | |
| | H. Wagner, Pur. Agt. | |
| H-X | G. & C. FOUNDRY CO., THE. | Monroe S. & Big Four R. R. |
| | M. F. Gartland, Pres.; J. J. Carroll, V. P.; F. Gartland, Secty.; J. C. Haswell, Treas.; | |
| | J. E. Carroll, G. M.-P. A.; L. Newcomb, Gen. Supt. | |
| B-H-X-DD | KLOTZ MACHINE COMPANY. | 318 Water St. |
| | A. H. Klotz, Prop. | |
| NN | LATHAM & COMPANY. | 34 W. Adams St. |
| | F. S. Latham, Gen. Mgr. | |
| ZZ | MACK IRON & WIRE WORKS. | 124 Warren St. |
| | J. D. Mack, Pres.-Treas.; B. F. Mack, V. P.; H. V. Freeman, Secy.-Asst. Treas. | |
| E | MAIBOHM MOTORS COMPANY. | W. Monroe St. |
| | W. J. Corr, Mgr.-For-Creditors. | |
| R-RR | MATTHEWS ENGINEERING CO., THE. | Monroe St. |
| | J. W. Wellington, Pres.-Gen. Mgr.; M. C. Cosgray, Secy.-Treas.; J. E. Tom, Ch. Engr.; | |
| | F. C. Mueller, Gen. Supt.; E. A. Weichel, Pur. Agt. | |
| QQ | MERTZ, J. MFG. CO. | Water & Decatur St. |
| | John Mertz, Pres.; Franklin D. Hohler, Secy.-Treas. | |
| F | NATIONAL PATTERN COMPANY. | 318 W. Water St. |
| | F. J. Grathwal, Pres.; R. F. Myers, V. Pres.; Art Helmrich, Secy. | |
| R | RADIANT MFG. CO., THE. | Water & Perry Sts. |
| | J. W. Wellington, Pres.; M. C. Cosgray, V. Pres.; Harry S. Hill, Secy.-Treas. | |
| C | ROBERTS MOTOR CO. | 131 E. Arthur St. |
| | E. R. Johnson, Mgr. | |
| G-LL | SANDUSKY FDY. & MCH. CO., THE. | Cor. Mkt. & Fulton Sts. |
| | W. H. Millsbaugh, Pres.; W. C. Boyle, V. P.-P. A.; D. Lake, Sec.-Treas.-Fcty. Mgr.-Sales; | |
| | H. R. Farnsworth, Ch. Engr.; R. S. Latimer, Gen. Supt. | |
| U | SANDUSKY NUT COMPANY. | 122 Lawrence St. |
| | Oliver Brace, Gen. Mgr.; Wm. B. Moon, Fcty. Mgr. | |
| K | SANDUSKY PACKLESS VALVE CO. | 1209 W. Adams St. |
| | Roy D. Mitchell, Pres.; Sidney Frohman, V. Pres.; Hiland R. Farnsworth, Secy.; | |
| | Ralph T. Bradbeer, Treas. | |

| <i>SANDUSKY, ERIE COUNTY, OHIO</i> | | |
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| Class | Firm and Personnel | Address |
| MM-II-U | SANDUSKY TOOL COMPANY Mozart Gallup, Pres.; Wm. L. Allendorf, V. P.; Otto C. Holzaepfel, Sec.-Treas.-P. A.-G. M.; Wm. Lorenzen, Fcty. Mgr.-Gen. Supt.; Henry W. Martin, M. M. | 146 Meigs |
| VV | SANDUSKY WASHER CO., THE N. P. Lauritzen, Pres.-Gen. Mgr.; Florence R. Lauritzen, V. Pres. | 501 E. Market St. |
| <i>SEBRING, MAHONING COUNTY, OHIO</i> | | |
| DD-II | HALL MACHINE COMPANY J. F. Hall, Prop.-G. M.-P. A.-Supt.; Thos. Barclay, M. M. | East Ohio Ave. |
| XX | LIMOGES CHINA CO., THE W. I. Cahris, Pres.-G. M. | |
| L-TT | SEBRING ENGINEERING CO. Frank Dietz, Treas.; B. H. Bucher, G. M.-Ch. Engr.-P. A.; L. D. Rubert, Fcty. Mgr. | |
| <i>SEVILLE, MEDINA COUNTY, OHIO</i> | | |
| XX | SEVILLE PORCELAIN CO. Fred D. Lowrey, Pres.; J. Frank Maloy, V. P.; R. L. Landis, Sec.-Treas.-P. A.; Fred H. Criner, Gen. Mgr.-Supt. | |
| Y-Z-HH | UNION CHAIN & MFG. CO., THE A. A. Bostwick, Pres.; Walter Hay, V. P.-G. M.-P. A.; W. C. Brumbaugh, Sect.-Treas.; C. E. Morey, Gen. Supt. | |
| <i>SHELBY, RICHLAND COUNTY, OHIO</i> | | |
| DDD | AUTOCALL COMPANY, THE W. W. Van Horn, Pres.; Howard D. Seltzer, V. Pres.-Gen. Mgr.-Fcty. Mgr.; C. C. Skiles, Secy.; Roy Van Wagner, Treas.; S. L. Cramer, Prod. Mgr.-Gen. Supt.-P. A. | |
| UU | BEWSICK ROUND FABRIC BELTING CO., THE H. K. Beck, Pres.; Jas. A. Brubaker, V. Pres.; Arthur F. Johnson, Secy.-Treas.-P. A.; W. W. Bewsick, Gen. Mgr.-Fcty. Mgr. | |
| | CHICAGO HANDLE BAR CO., THE Information withheld. | |
| G-JJ-LL | OHIO SEAMLESS TUBE CO. A. C. Morse, Pres.; Geo. L. Reichert, Secy.-Treas. | |
| B-DD-II | SHELBY MCH. & TOOL WORKS. Information withheld. | |
| D-K | SHELBY METAL PRODUCTS CO., THE A. R. Fish, Pres.; C. C. Fish, V. P.-G. M.; L. N. Hoffman, Sec.-Treas.-P. A. | 110 N. Broadway St. |
| K | SHELBY SPRING HINGE CO. W. W. Steele, Pres.; J. A. Seltzer, Secy.; L. D. Malone, Treas. | |
| RR-V | SHELBY TRACTOR & TRUCK CO. O. J. Bready, Pres. Gen. Mgr.; M. B. Monu, V. Pres. Treas.; C. V. Schill, Secy.; L. G. Ritchey, Ch. Engr.; L. A. Smith, Gen. Supt. | |
| N | SHELBY WIRE CO., THE S. I. Armbruster, Pres.; J. E. Armbruster, Secy.-Treas. | |
| <i>SHREVE, WAYNE COUNTY, OHIO</i> | | |
| DD | SHREVE GARAGE & MCH. CO. Milo Spang, Prop. | |
| | WOOSTER BRUSH CO., THE | (See Wooster, Ohio) |
| <i>SIDNEY, SHELBY COUNTY, OHIO</i> | | |
| SS | AMERICAN STEEL SCRAPER CO., THE W. H. C. Goode, Pres.; D. Oldham, V. Pres.-Secy.; W. E. Kilborn, Treas.-Gen. Mgr.; C. E. Betts, Pur. Agt. | Court St. & Wilkinson Ave. |

Main Office and Showroom: 717 LAKESIDE AVE. N.W.

SIDNEY, SHELBY COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| RR | BUCKEYE CHURN CO., THE. James Anderson, Pres.; T. F. Anderson, Secy.; L. B. Anderson, Treas. | |
| DD-B | ECLIPSE MACHINE CO., THE. L. M. Studevant, Pres.; W. C. Horr, Secy.-Gen. Mgr.; Thos. F. Studevant, Fcty. Mgr. | |
| H-X | G. & H. FOUNDRY CO? Information withheld. | |
| B | MENTGES FOLDER CO., THE George Mentges, Pres.; Fred Mentges, V. Pres.-Gen. Mgr.-Pur. Agt.; Wm. O. Blake, Secy.-Treas.-Asst. Pur. Agt.; John Mentges, Gen. Mgr.-Ch. Engr. | Oak & Poplar Sts. |
| A-B | MONARCH MACHINE TOOL CO., THE. I. H. Thedieck, Pres.; W. H. Wagner, V. Pres.; W. E. Whipp, Secy.-Treas.-Gen. Mgr.; Al. Jennings, Fcty. Mgr. Supt. Fred D. Dickas, Ch. Engr.; Carl F. Beger, Pur. Agt. | |
| B | PEERLESS BREAD MACHINE CO., THE. E. J. Griffis, Pres.-F. X. Lauerbur, Secy.-Treas. | |
| A-B | SIDNEY MACHINE TOOL CO., THE. I. H. Thedieck, Pres.; A. C. Getz, Secy.-Treas. | |
| E | SIDNEY MFG. CO., THE I. H. Thedieck, Pres.; L. M. Studevant, V. Pres.; A. A. Gerlach, Secy.-Treas.-P. A.; W. C. Horr, Gen. Mgr.; W. A. Burket, Fcty. Mgr.-Gen. Supt.; J. J. Sarver, Asst. P. A. | East Ave. |
| SS | SIDNEY STEEL SCRAPER CO., THE. Wm. A. Perry, Pres.-Gen. Mgr.; Ben Strauss, V. Pres.; B. D. Heck, Secy.-Treas.-Pur. Agt. | |
| VV | SIDNEY WASHING MACHINE CO., THE. Information withheld. | |
| SS | SLUSSER-McLEAN SCRAPER CO. Information withheld. | |
| A-B-H-X-DD | SMITH, PHILLIP MFG. CO., THE. L. M. Studevant, Pres.; R. G. Hess, Secy.; H. K. Hess, Treas. | |
| SS-ZZ | TOY, W. M. & CO. Information withheld. | |
| H-X | WAGNER MFG. CO., THE. W. H. Wagner, Pres.-Sales Mgr.; B. P. Wagner, V. P.; L. R. Wagner, Secy.-G. M.-Asst. P. A.; M. M. Wagner, Treas.-P. A. | |
| A-B | WHIPP MACHINE TOOL CO., THE. W. E. Whipp, Pres.; W. C. Horr, Secy.; P. C. Pocock, Treas. | |

SPENCER, MEDINA COUNTY, OHIO

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| | MONOSMITH BROS. CO., THE. Information withheld. | |
| DD-E | SPENCER METAL PRODUCTS CO., THE. T. B. Allison, Pres.; J. B. Firestone, V. Pres.; C. H. Burk, Secy.-Treas.; J. B. Childe, Trustee; L. E. Dilts, Engr., Pur. Agt.; Otto Kuepfer, Gen. Supt. | |

SPRINGFIELD, CLARK COUNTY, OHIO

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| RR | AMERICAN SEEDING MCH. CO. T. C. Johnson, Pres.; L. C. Buchwalter, V. Pres.; R. S. Rogers, Secy.; B. J. Westcott, Treas. | |
| H-X-K | AMERICAN RADIATOR CO. Henry Dyers, Supt. | 1310 W. Main St. |
| H-X | ARMSTRONG MFG. CO. W. C. Armstrong, Prop. | |
| B-RR | BAUER BROTHERS COMPANY. C. L. Bauer, Pres.; L. E. Bauer, V. Pres.; W. A. Bauer, Treas.; W. E. Capenhaver, Secy. | |
| C | BAUROTH BROS. W. F. Bauroth, Prop.; Emil Bauroth, Prop. | |
| QQ-ZZ | BAYLEY, WILLIAM CO., THE Wm. Bayley, Pres.; W. D. Bayley, V. Pres.; A. G. Dey, Secy.; Lee Bayley, Treas. | W. North St. |

SPRINGFIELD, CLARK COUNTY, OHIO

| Class | Firm and Personnel | Address |
|---------|--|----------------------|
| F | BOBLETT, J. C. (Prop.) | 135 E. Liberty St. |
| UU | BRETNEY, H. V. CO., THE. H. V. Bretney, Pres.-Gen. Mgr.; R. B. Miller, Treas. | |
| | BUCKEYE INCUBATOR CO. Geo. Cugley, Pres.; A. R. Hill, V. Pres.; R. Cartwell, Secy.; J. B. Clingerman, Treas. | |
| SS | BUFFALO-SPRINGFIELD ROAD ROLLER CO. C. M. Greiner, Pres.; C. J. Foster, V. Pres.; A. W. Aitken, Chief Engr. Supt. | |
| H-X-K | CENTRAL BRASS & FIXTURE CO. P. P. Crabill, Pres.; Jas. Turner, Treas.-Gen. Mgr. | |
| B | CORKSCREW MACHINE CO. D. H. Clark, Prop. | 330 Jackson St. |
| F | DEARDS, W. C. (Prop.) | 51 Main St. |
| D | DOWNEY, W. C. & CO. W. C. Downey, Prop. | |
| B-DD | EAGLE ENGR. CO. E. Craig, Pres.; F. A. Pfeifer, V. Pres.-Gen. Mgr.; W. W. Ellsworth, Secy.-Treas. | Bell & W. Main St. |
| RR | EXCELSIOR DRILL COMPANY. Chas. S. Judson, Gen. Mgr. | |
| H-X | FAIRBANKS CO. M. L. Milligan, Pres.; N. H. Fairbanks, V. Pres.-Gen. Mgr.; H. E. Strimmel, Secy. | |
| C | FOOS GAS ENGINE CO. H. C. Blake, Gen. Mgr. | |
| H-X | FRENCH & HECHT CO. W. H. Stackhouse, Mgr. L. Cotter, Gen. Supt. | |
| H-X | GRAY IRON CASTING Wm. Bayley, Pres.; W. D. Bayley, V. Pres.; G. D. Bayley, Sales. | 140 W. North St. |
| EE | HOME WELDING CO. H. C. Skyler, Prop.; S. Dinkel, Prop. | 126 W. High St. |
| NN-K | HOPPE MFG. CO. Jno. J. Hoppes, Pres.; J. F. Ware, V. Pres.; G. Coblenz, Secy.-Treas. | |
| S | INDIANAPOLIS SWITCH & FROG CO. W. C. Fairbanks, Pres.; E. C. Price, V. Pres.-Gen. Mgr.; T. L. Hanley, Chief Engr. | |
| RR | INTERNATIONAL HARVESTER CO. C. H. Smart, Gen. Supt. | |
| H-X | KELLY, O. S. & CO. O. W. Kelly, Pres.; E. S. Kelly, V. Pres. | |
| E | KELLY SPRINGFIELD MOTOR TRUCK CO. J. L. Geddes, Pres.; M. McMillan, V. Pres.; P. H. Diehl, Secy. | |
| K-X-H | LAGONDA MFG. CO. H. S. Bradley, Pres.-Gen. Mgr.; C. J. Carle, Secy.-Treas.; C. K. Bizer, Supt. | |
| F | LANE, C. E. (Prop.) LANE, T. J. EQUIPMENT CO., THE. T. J. Lane, Pres.-Mgr. | |
| BB-I-PP | LARKIN, M. D. SUPPLY CO., THE | See M. O. Dayton, O. |
| C-NN | LEFFEL, JAS. CO., THE. Geo. R. Prout, Pres.; A. F. Sparks, V. Pres.-Gen. Mgr.; B. F. Kauffman, Secy. & Treas. | |
| DD | MARTIN, JOHN E. (Prop.) | 548 W. State St. |
| NN-C | MAST FOOS CO. W. H. Rayner, Pres.; F. R. Burton, Gen. Mgr.; Ed. Hopping, Supt. | |
| C | MILLER IMPROVED GAS ENGINE CO. E. A. Watts, Pres.-Gen. Mgr.; H. C. Miller, V. Pres. | |
| VV | NATIONAL MOTOR COMPANY. R. D. Little, Prop. | |
| DD | OTEWALT MFG. CO. Orris G. Otewalt, Prop. | |
| F | PARKER PATTERN WORKS. W. F. Parker, Pres.; E. D. Parker, V. Pres. | Greenwalt Bldg. |

SPRINGFIELD, CLARK COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| F | PAULY BROS. J. M. Pauly, Prop.; H. C. Pauly, Prop. | |
| MM | RIDGELY TRIMMER CO. Henry Erter, Pres.; C. J. Bowlus, V. Pres.; J. K. Williams, Treas. | |
| R | ROBBINS & MYERS CO. C. F. McGilray, Pres.; W. J. Myers, V. Pres.; W. A. Myers, Secy.; H. E. Freeman, Treas. | |
| DD | RODGERS, GEO. G. (Prop.) | 29 E. Muy St. l. berr |
| B-RR | ROSS, E. W. CO., THE. E. P. Ross, Pres.; J. K. Bell, V. Pres.-Gen. Mgr. | |
| AA | SAFETY EMERY WHEEL CO., THE. C. Nagel, Pres.; A. G. Spencer, V. Pres.-Gen. Mgr.; J. P. Baker, Secy.-Treas. | |
| E-DD-B | SHAWVER CO. C. I. Shawver, Prop. | |
| F-X-H | SPRINGFIELD ALUMINUM PLATE & CASTING CO. E. A. Parker, Pres.-Supt.; J. F. Hook, V. Pres.; W. J. Jordan, Secy.-Treas. | |
| DD-H-X | SPRINGFIELD FINISHED CASTINGS CO. T. W. Ludlow, Pres.; Grover Ilgan, V. Pres.-Gen. Mgr. | |
| A-B | SPRINGFIELD MCH. TOOL CO. P. E. Montanus, Pres.; P. A. Montanus, V. Pres.; E. S. Montanus, Secy. | Southern Ave. & Penn R. R. |
| H-X | SPRINGFIELD MALLEABLE IRON CO. T. W. Ludlow, Pres.; T. R. Ludlow, Secy.-Pur. Agt. | |
| DD-EEE | SPRINGFIELD MILLWRIGHT CO. G. A. Bauer, Prop. | 221 W. Main St. |
| EE | SPRINGFIELD WELDING CO. H. T. Hale, Prop. | 116 E. Main Street |
| A-B-II | STEEL PRODUCTS ENGR. CO. J. E. McAdams, Pres. & Treas.; G. E. Ireland, Gen. Mgr.; Wm. Corcoran, Supt. | |
| II-M-D | STERLING MFG. CO. J. N. Sterling, Prop. | |
| E-H-X | THE SUPER-VALVE CO. W. E. Marshall, Pres. | Arcue Bldg. |
| C | SUPERIOR GAS ENGINE CO. P. J. Shourlin, Prop. | |
| N | SUPERIOR SPRING CO. J. L. Lloyd, Pres.; R. A. Essex, V. Pres.; B. F. Downey, Secy.; J. Sullivan, Supt. | |
| A-AA | THOMPSON GRINDER CO. E. S. Houck, Pres.; H. J. Warrick, Secy.; C. Baldenhofer, Treas.; Jno. A. Martin, Supt. | |
| W-NN | TRUMP MFG. CO. J. J. Hopper, Pres.; C. F. Jackson, V. Pres.; J. J. Zells, Secy.; J. F. Trump, Gen. Mgr. | |
| E | WESTCOTT MOTOR CAR CO. B. J. Westcott, Pres.; H. G. Root, Secy.-Treas.; H. Clark, Supt. | |
| H-X | WESTERN FDY. & MFG. CO. J. C. Howell, Pres.; H. H. Simminding, V. Pres.; C. O. Lutz, Secy.-Treas. | |
| M-II | WESTERN TOOL & MFG. CO. A. H. Hyde, Pres.; Henry Morris, V. Pres.-Gen. Mgr. | |
| H-X | WICKMAN PIANO PLATE CO. G. N. Gorsuch, Secy.-Treas.; F. J. Wickman, V. Pres.; J. C. Wickman. | |
| L | WOLF, E. E. (Prop.) | Main & Fountain Sts. |
| VV | YOST GEARLESS MOTOR CO. H. Barr, Pres.; B. F. Downey, Secy. | |

STEUBENVILLE, JEFFERSON COUNTY, OHIO

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| G-S | BUCKEYE ROLLING MILL CO., THE Isaac Scott, Pres.; J. T. Sarratt, V. P.-Treas.-G. M.; C. H. Dossett, Secty.; P. W. Jones, Fcty. Mgr.-Supt. | Genl. Offices—(Works, Newark, O.) |
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| <i>STUEBENVILLE, JEFFERSON COUNTY, OHIO</i> | | |
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| Class | Firm and Personnel | Address |
| DD | CLARK MACHINE COMPANY J. V. Clark, Prop.-G. M.-P. A.; B. B. Clark, Gen. Supt. | North and Commercial Streets. |
| G | LA BELLE IRON WKS. D. A. Burt, Pres.; H. D. Westfall, V. P.; H. P. Beswick, Sec.-Treas.; A. J. McFarland, G. M.; R. M. Rice, P. A.; H. H. Roberts, Ch. Engr. (Wheeling); C. H. Snider, Gen. Supt. (Wheeling). | M. O. Wheeling, W. Va. |
| EE-DD | MAYERS, CHAS. B. Chas. B. Mayers, Prop. | |
| H-X-K | OHIO FOUNDRY & MFG. CO. G. E. Sharpe, Pres.; A. B. Sharpe, Secy.; W. L. Sharpe, Treas. | |
| XX | OHIO VALLEY CLAY CO., THE. J. W. Gill, Pres.; J. H. Gill, V. P.; George W. Cochran, Sec.-Treas.-G. M.-P. A.; W. C. Lashley, Fcty. Mgr.; R. C. Bowman, M. M.; George W. Cochran, S. M. C. M. Hollingsworth, Sales Engr. | |
| <i>STRUTHERS, MAHONING COUNTY, OHIO</i> | | |
| G | STRUTHERS FURNACE CO. | Br. Cleveland, Ohio |
| <i>SUNBURY, DELAWARE COUNTY, OHIO</i> | | |
| | SUNBURY MFG. COMPANY. Information withheld. | |
| <i>SWANTON, FULTON COUNTY, OHIO</i> | | |
| C-RR | BAKER, A. D. COMPANY, THE. J. W. Crisman, Pres.; A. D. Baker, V. P.-Gen. Supt.-G. M.; F. E. Pilliod, Secty.; C. W. Crisman, Treas.-Sales Mgr.; L. R. Baker, M. M.; Saml. Zimmerman, P. A. | 311 Broadway. |
| DD-E-K | PILLIOD CO., THE. Information withheld. | |
| <i>TIFFIN, SENECA COUNTY, OHIO</i> | | |
| | BLOOM FLUSHER CO. Information withheld. | |
| Y | HANSON CLUTCH & MACH. CO. Information withheld. | |
| V | HOLLIS TRACTOR CO. Information withheld. | |
| B | LOOMIS MACHINE CO., THE. G. D. Loomis, Pres.; B. Z. Good, Secy.-Treas. | |
| VV | MONARCH MFG. CO., THE. F. B. Cramer, Pres.-G. M. P. A.; C. L. Walter, V. P.; J. P. Schmitz, Sec.-Treas. | Hunter St. |
| A-B | NATIONAL MACHINERY CO., THE. M. Frost, Pres.; E. R. Frost, Secy.; W. L. Hertzner, Treas. | |
| D | OHIO LANTERN CO., THE. Information withheld. | |
| AA | STERLING GRINDING WHEEL CO., THE. G. E. Schroth, Pres.; N. Schreiner, Secy.; G. S. Tillotson, Treas.-Gen. Mgr. | |
| QQ | TIFFIN ART METAL CO., THE. G. S. Kalbfleisch, Secy.-Treas. | |
| H-X | TIFFIN BRASS & BRONZE CO. F. R. Miller, Pres.; C. A. Brickner, Secy.; R. H. Ebersole, Gen. Mgr. | Market St. |
| E-SS | TIFFIN WAGON CO., THE. G. C. Loomis, Pres.; H. C. France, Secy.-Treas. | |
| XX | UNITED STATES GLASS CO. Frank Beggs, Supt. | |
| L-H-X-Y | WEBSTER MFG. CO., THE. Information withheld. | |

SAVE THRU' EMPIRE MACHINERY SERVICE

THE EMPIRE MACHINERY EXCHANGE CO.

517-519 Newman-Stern Bldg., CLEVELAND, O.

TILTONSVILLE, JEFFERSON COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-----------------------------------|--|---------------------------------------|
| XX-K | WHEELING SANITARY MFG. CO. Information withheld. | |
| TOLEDO, LUCAS COUNTY, OHIO | | |
| D | ACKLIN STAMPING CO., THE G. M. Acklin, Pres.; J. M. Acklin, V. Pres. G. M.; W. C. Acklin, Secy. Treas.; F. C. Greenhill, Prod. Mgr. P. A.; D. T. Anderson, Gen. Supt. | 1657 Dorr St. |
| GGG | ACME SPECIALTY MFG. CO., THE Adolph Schlett, Pres.-Treas.-G. M.; E. E. Braum, V. P.-Sales Mgr.; Albert Schlett, Secy.; H. J. Hanson, Fcty. Mgr.-P. A.; Walter Weiker, Gen. Supt. | 2296 Smead Ave. |
| DD-II | ACME TOOL CO. Fritz Rundquist, Prop.; Henry F. Rundquist, Prop. | 502 S. St. Clair Street. |
| | ALLEN FILTER COMPANY H. Wachter, Pres.; W. S. Ramsay, V. Pres.-Fcty. Mgr.-P. A.; E. P. Mull, Secy. | 25 S. St. Clair St. |
| BB-B-R | ALLIS-CHALMERS MFG. CO. W. R. Mengel, Mgr. | Ohio Bldg. |
| B-RR | AMERICAN BEET HARVESTER CO. Dean Farley, Pres.; C. W. Wagoner, V. Pres.; H. Levison, Secy.; F. W. Douglass, Treas.; E. R. Thurston, Gen. Mgr.; H. C. Ronfeldt, Fcty. Mgr.-Pur. Agt.; W. H. Kopitke, Ch. Engr. | 2959 Dorr St. |
| XX | AMERICAN BOTTLE CO., THE M. W. Jack, Pres.; W. J. Crane, V. P.-G. M.; J. P. Curran, Secy.; H. W. Seitz, Treas.-P. A.; T. W. Rose, Fcty. Mgr. | Nicholas Bldg. |
| D | AMERICAN CAN CO. John Blank, Supt. | City Park Ave. |
| CC-P | AMERICAN CRANE & ENGR. CO. C. H. Tucker, Pres.; W. F. Billingsley, V. Pres.; J. H. O'Leary, Secy.; A. L. Johnson, Treas. | 507 Nashby Bldg. |
| B | AMERICAN FLOOR SURFACING MACH. CO., THE Wm. B. Frey, Pres.; H. H. Wolfe, Secy.-Treas.-Ch. Engr.; Wm. Cunningham, Gen. Supt.; C. W. Berger, Pur. Agt.; August B. Leibus, Asst. Pur. Agt. | 518 S. St. Clair Street |
| | AMERICAN-NATIONAL CO., THE Wm. L. Diemer, Pres.; Henry Streetman, V. Pres.; Walter H. Diemer, Secy.; H. C. Kuney, Treas.; Paul Schibrowski, Fcty. Mgr.; W. B. Anteau, Pur. Agt. | Ketchum Ave. |
| LL | AMERICAN PIPE & TUBE CO. E. M. Kerlin, Prop. | Broadway & Morris |
| LL | AMERICAN STEEL TUBE CO. James H. Caufiel, Pres.; A. G. Huebner, V. Pres.; D. Wood Caufiel, Secy.; J. Ford Caufiel, Fcty. Mgr.-Gen. Supt.; J. Lowell Caufiel, Master Mech. | Buckeye St. and Toledo Terminal R. R. |
| R-E | AMERICAN SWISS MAGNETO CO. J. A. Bohannon, Pres.-G. M.; J. B. Nordholt, V. P.; W. W. Knight, Sec.-Treas.; R. P. Verber, Fcty. Mgr.-Supt.; E. B. Garrison, P. A. | 1650 Fernwood, Ave. |
| | AMES BONNER CO., THE J. G. Mackenzie, V. Pres.-Mgr. | 70 Ottawa St. |
| E | ANDERSON-ROBERTS MFG. CO. R. C. Roberts, Pres.; E. E. Lucas, V. Pres.; D. Anderson, Jr., Secy.-Treas.-Gen. & Fcty. Mgr. P. A. | 114 Ontario St. |
| BB-I-K-SS-V-C | ARBuckle-RYAN CO., THE J. H. Ryan, Pres.-Treas.; A. H. Billstein, Secy. | 222 Cherry St. |
| R | ARROW MFG. CO. H. Handenschild, Pres.; L. G. Pierce, Secy.-Treas. | 618 Broadway |
| ZZ | ART IRON & WIRE WORKS Godfrey Schlatter, Mgr. | 2113 Canton |
| AAA | ATLAS CHEMICAL CO., THE R. G. Griswold, Pres.; Alfred Johnson, V. Pres.-Gen. Mgr.; Carl W. Fischer, Secy.-Treas.; R. B. Stitzer, Ch. Engr.; E. J. O'Brient, Gen. Supt.; D. S. Gillies, Pur. Agt. | 1189 W. Central Ave. |
| | AUSTIN MACHINERY CORP. Information withheld. | 2500 Dorr St. |
| YY | AUTOFILLER PEN CO., THE H. W. Haslup, Pres.-Treas. | 905 Jefferson St. |

THE MOTT & MERRYWEATHER MACHINERY CO.

Cleveland
Cincinnati
Detroit
Pittsburgh

TOLEDO, LUCAS COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-----------|---|--------------------------------------|
| E-V | AUTOMOTIVE CORP., THE F. A. Kateley, Pres.-G. M.-Pur. Agt.; John L. Larkin, V. P.-Sales Mgr.; Wm. Hulin, S.-T.; L. H. Wyatt, Fcty. Mgr.; F. W. Kateley, Ch. Engr. | Oakdale Ave. & Tracy St. |
| K | AYLING & REICHERT CO., THE Paul F. Reichert, Pres.-G. M.-Fcty. P. A.; W. C. Easton, Sec.-Treas. | 713-17 Utica St. |
| F | BAER PATTERN WKS. Alfred Baer, Prop. | 1435 Dorr St. |
| A-B-H-X | BAKER BROS. A. E. Baker, Pres.-G. M.; R. K. Chapman, P. A.; G. E. Hallenback, Supt.-Prod.; H. M. Chilcote, M. M. | Westlake & Post Streets. |
| C-RR-B | BANTING MFG. CO., THE J. W. Banting, Pres.; J. F. Sanders, V. Pres.; R. K. Banting, Treas.; C. C. Banting, Secy. | 114 Superior |
| DD-II | BAUROTH, EMIL MACHINE CO. Emil F. Bauroth, Prop. | 28 So. St. Clair Avenue |
| FFF | BECKMAN, L. CO., THE I. L. Beckman, Pres.-Treas.; L. Beckman, Jr., Secy.-Gen. Mgr. | 1004 Jackson |
| | BE-CO. MFG. CO., THE F. E. Bean, Pres.-Treas.; Geo. Coslett, V. Pres.; J. L. Bean, Secy. | 510 Phillips |
| H-X | BELMONT FOUNDRY, THE L. P. Majewski, Prop. | 1213 Belmont Ave. |
| B-D-II | BINGHAM STAMPING & TOOL CO., THE J. Bingham, Pres.-Treas.-G. M.; Wm. L. Peters, V. P.-Gen. Supt.; S. J. Bingham, Secy.; F. Clark, P. A. | 1435 Dorr St. |
| R-BB-R | BISSELL, F. COMPANY, THE Fredrick Bissell, Pres.; W. S. Bissell, V. P.; E. B. Terry, Sec.-Treas.; S. C. Lines, Fcty. Mgr. Ch. Engr.; J. S. Huff, P. A.; B. Richardson, Asst. P. A.; Julius Bevington, Gen. Supt. | 812-22 Lafayette St. |
| E | BOCK BEARING CO., THE R. E. Clingan, V. Pres.-Gen. Mgr.; C. G. Steinbecker, Treas.; L. W. Close, Ch. Engr.; D. McKercher, Prod. Mgr.; C. S. Smyth, Pur. Agt. | Phillips Ave. & M. C. |
| A-BB-I-PP | BOICE, WM. B. & J. E. Wm. B. Boice, Prop.; J. E. Boice, Prop. | 114 23rd St. |
| BB-I-K | BOSTWICK-BRAUN CO., THE H. L. Thompson, Pres.-Gen. Mgr.; H. A. Nusbaum, Secy.; H. M. Kelsey, Treas.; Wm. V. Knight, V. Pres. | Monroe & Summit |
| K-R | BRANDON, A. H. & CO. W. H. Jeffrey, Partner; A. H. Brandon, Partner; J. Casper, Partner. | Produce Exch. Bldg. |
| DD | BRAUNSCHWEIGER BROS. John Braunschweiger, Prop.; Christian Braunschweiger, Prop. | 40 Erie |
| K | BROWN AUTOMATIC HOSE COUPLING CO., THE P. L. Andrews, Pres.; C. L. Andrews, Secy.-Treas. | 101 Indiana Ave. |
| D | BROWN STAMPING CO., THE L. O. Brown, Pres.-Treas.-G. M. P. A.; A. H. Brown, V. Pres.-Fcty. Mgr.; L. T. Shoup, Secy.; T. O. Brown, Asst. Pur. Agt.; A. L. Baker, Sales Rep. | 1348 Dawson St. |
| XX | BUCKEYE CLAY POT CO. Wm. K. Brownlee, Pres.-A. S. Zopfi, Secy.-Treas. | Bassett & Ontario |
| E-K-DD | BUNTING BRASS & BRONZE CO. J. W. Bunting, Pres.; C. E. Bunting, V. Pres.-Secy.; W. H. Bunting, G. M.; Geo. Thompson, Fcty. Mgr.; E. Frantschi, Prod. Mgr.-P. A.; J. E. Owens, Sales Mgr. | |
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| A-B-WW | TOLEDO MACHINE & TOOL CO. Henry J. Hinde, Pres.-Gen. Mgr.; Louis Hinde, V. Pres.-Sales Mgr.; Chas. W. Greening, Sec.-Treas. | 1426 Hastings |
| QQ-D | TOLEDO METAL FURNITURE CO., THE Philip E. Uhl, Pres.; Clement R. Uhl, V. P.-Gen. Supt.; Jos. F. L. Uhl, Sec.-Treas.-G. M.; Thomas V. Uhl, Prod.-P. A.; Jos. B. Triendl, Asst. P. A.; L. E. Fisher, Sales Mgr. | Dorr St. & N. Y. C. R. R. |
| D-C-QQ | TOLEDO METAL MFGRS. CO., THE J. F. Grosswiller, Pres.; Wilber Owen, V. P.; S. M. Sawhill, Sec.-Treas.-G. M.; I. S. Vanskiver, Ch. Engr.-Supt.-P. A.; Lawrence Meyer, Fcty. Mgr. | Box 56, Station G |

TOLEDO, LUCAS COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| D-N | TOLEDO METAL WHEEL CO., THE F. E. Southard, Pres.-G. M.; Burton Southard, Treas.; M. T. Johnson, P. A.; J. Weber, Supt.; F. Penske, Prod. Mgr. | Bancroft & Smead Ave. |
| A-B | TOLEDO MILLING MACHINE CO. J. A. Geismar, Pres.; W. P. Bateman, Secy.-Treas.; L. E. Waite, Gen. Supt. | |
| TT-II | TOLEDO MOULD CO., THE George B. Arduser, Pres. G. M.; W. C. Byers, V. P. Fcty. Mgr. P. A.; M. L. Hova, S. T.; J. Arduser, Prod. Gen. Supt. | Factories Bldg. |
| A-B | TOLEDO PIPE THREADING MCH. CO. Frank Collins, Pres.; Jas. H. Barr, V. P.; W. W. Vosper, Secty.-Fcty. Mgr.-P. A. | 1445 Summit St. |
| BB-MM-A-B | TOLEDO SAW & SUPPLY CO., THE A. M. Tillinghast, Pres.-Mgr. | Washington & St. Clair Sts. |
| KKK | TOLEDO SCALE COMPANY Henry Theobald, Pres.-G. M.; R. R. Theobald, V. P.; F. L. Geddes, V. P.; L. G. Christman, Secty.; W. A. Zolg, Treas.; Earle S. Smith, P. A.; O. C. Reeves, Gen. Supt.; J. P. Newell, Sales Mgr. | Monroe & Albion Streets |
| | TOLEDO SHIPBUILDING CO., THE C. B. Calder, V. Pres.-Gen. Mgr.; A. D. Black, Secy.-Asst. Treas.; Edward Hopkins, Navel. Archi.; W. G. Henderson, Gen. Supt.; A. Dunn, M. M.; H. Edgar, Gen. Foreman. | Front & Craigh Sts. |
| R | TOLEDO STANDARD COMMUTATOR CO., THE W. H. Jeffrey, Pres.; Eugene Rheinfrank, V. P.; E. D. Moon, Sec.-Treas.; A. L. Kerslaw, G. M. | 2242 Smead Ave. |
| H-X | TOLEDO STEEL CASTING CO., THE S. D. Carr, Pres.; J. B. Nordholt, V. P.-Fcty. Mgr.-Ch. Engr.; C. C. Smith, Sec.-Treas.-P. A.-Sales; G. A. Weihrauch, Gen. Supt.; H. L. Farner, M. M. | Smead & Bancroft St. |
| LL | TOLEDO STEEL TUBE CO., THE Geo. S. Freeman, Pres.; J. C. McKisson, V. Pres.; H. W. McKisson, Secy.-Treas.-Gen. Mgr. | 2115 Smead Ave. |
| GGG-H-X | TOLEDO STOVE & RANGE CO., THE G. G. Metzger, Pres.; H. L. Metzger, V. P.; E. L. Peters, Sec.-Treas.; B. F. Long, G. M.; R. W. MacLean, P. A.; A. W. Jacobs, Gen. Supt. | Smead Ave. |
| DD-II | TOLEDO TAP & DIE CO. R. L. Ellery, Pres.; F. E. LaFrance, V. P.-Treas.; L. P. Smith, Ch. Engr.; J. J. Dimeo, Fcty. Prod. Mgr. | Clinton St. |
| D | TOLEDO WASHER & STAMPING CO., THE F. J. Orcutt, Pres.-Treas.-G. M.; George Madden, V. P.; Henry Stantzenback, Secy. | 216 Lafayette St. |
| EE | TOLEDO WELDING CO. C. L. Davis, Prop. | 111 Eleventh St. |
| SS | TOLEDO WHEELBARROW CO., THE C. V. Skinner, Pres.; W. L. Schumacher, V. Pres.-Treas.-Sales Mgr.-Pur. Agt.; F. B. Anderson, Treas.; Joseph Troendle, Fcty. Mgr.-Gen. Supt. | Broadway & Wabash Crossing |
| ZZ | TOLEDO WIRE & IRON WKS. F. L. Powell, Prop. | Locust & Oneida |
| B-DD-II | TUNGSTEN ELEC. & STEEL CO. Anton Boeder, Mgr. | 918 Water St. |
| C | UNITED ENGR. CO., THE H. J. Beck, Pres.; F. J. Dohn, Secy.; D. I. Dale, Treas. | 931 Water |
| H-X | UNITED STATES MALLEABLE IRON CO., THE E. C. Hagener, Pres.-G. M.; D. A. Yoder, V. P.; Wm. W. Morrison, Sec.-Treas.; W. H. Davis, P. A.; H. J. Luschen, Gen. Supt. | Woodville & Bay Terminal |
| | U. S. MOP COMPANY, INC. Robt. C. Cornelius, Pres.-Treas.-G. M.-Sales; E. J. Furstenberg, V. P.-Fcty. Mgr.-P. A.; R. S. Leist, Secty.; Ralph Lehman, M. M. | 1301 Prouty Ave. |
| R | USONA MFG. CO., THE H. M. Price, Pres.; C. D. Williams, Secy.-Treas. | 311 St. Clair Ave. |
| DD-II-D | UTILITY TOOL- DIE & STAMPING CO. H. Rosen, Pres.-Gen. Mgr. | 2942 Monroe St. |
| DD-II | VICTOR SCREW & MACHINE CO., THE Rudolph Glinski, Pres.-Treas.; John Detzer, Secy.-Mgr. | 929 Water St. |
| BB-H | VIRGINIA EQUIP. CO. Lacey Y. Williams, Prop. | 938 Ohio Bldg. |

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MORSE CHAIN DRIVES



ENGINEERS
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CLEVELAND

TOLEDO, LUCAS COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| B-DD-II | WATSON MFG. CO., THE C. W. Watson, Pres.-Treas.-G. M.-P. A.; Eugene Rhienfrank, V. Pres.; R. L. Watson, Secy.; Wm. H. Kinker, Gen. Supt.; H. C. Huekenbecker, Asst. Pur. Agt. | 1062 Post Street |
| B-M | WEBER, J. A. COMPANY John A. Weber, Prop.-Mgr.; C. E. Mansell, Wks. Mgr. | 174 Princeton Dr. |
| L-B-DD | WEDDLE, G. H. & CO. G. H. Weddle, Prop. | 1932 Canton St. |
| F | WEST END PATTERN WKS. Fred J. Vogel, Prop. | 1241 Oakwood |
| E | WILLYS-OVERLAND CO., THE J. N. Willys, Pres.; C. B. Wilson, V. Pres.-Gen. Mgr.; L. A. Miller, Secy.; J. H. Gerkens, Treas.; W. H. Kilpatrick, Fcty. Mgr.; E. H. Belden, Ch. Engr.; J. A. Sheldon, Prod. Mgr.; M. P. Cromling, Pur. Agt.; W. B. Calkins, Asst. Pur. Agt. | |
| S | WINE RAILWAY APPLIANCE CO., THE William E. Wine, Pres.-Sales Mgr.; Ralph F. Tillman, V. Pres.; Jos. L. Tillman, Secy. Treas.; | Water Works Drive |

TORONTO, JEFFERSON COUNTY, OHIO

| | | |
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| G-JJ | FOLLANSBEE BROS. CO., THE Wm. Banfield, Gen. Mgr. | M. O. Pittsburgh, Pa |
| DD | MYERS, FRANK G. Frank Myers, Prop. | |
| DD-H-X-L | TORONTO FDRY. & MACH. CO., THE. E. N. Francy, Pres.-Treas.; E. H. Thayer, G. M.-Supt. | |

TROY, MIAMI COUNTY, OHIO

| | | |
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| R | HOBART MFG. CO. C. M. Willard, Wks. Mgr. | |
| DD-EE | JULIAN MFG. CO. B. M. Jennings, Prop. | |
| D | LORIMER, HICKS CO., THE. G. W. Lorimer, Pres. | |
| V | MIAMI TRAILER CO. J. M. Rebholz, Supt. | |
| C-D-K-NN | SKINNER IRRIGATION CO. C. M. Drake, Gen. Supt.-Pur. Agt. | |
| D-E | TROY CARRIAGE SUNSHADE CO. Walter Stoneham, Gen. Supt. | |
| F | TROY PATTERN WKS. S. N. Touchman, Prop. | |

UHRICHSVILLE, TUSCARAWAS COUNTY, OHIO

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| DD | GALLAGHER, W. R. W. R. Gallagher, C. Gallagher, Props. | |
| C-QQ | LUCIUS MFG. CO., THE. Information withheld. | |

UPPER SANDUSKY, WYANDOT COUNTY, OHIO

| | | |
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| NN-OO-K | NATIONAL STEAM PUMP COMPANY R. J. Main, R. W. Main, B. F. Main, Props. | West Johnson St. |
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URBANA, CHAMPAIGN COUNTY, OHIO

| Class | Firm and Personnel | Address |
|---------|---|-----------------|
| D-DD-II | AMERICAN TOOL & MFG. CO. P. J. Schneider, Gen. Mgr.; H. P. Creighton, Gen. Supt. | N. Main St. |
| L | COOK ENGINEERING CO. A. F. Cook, Pres.-Pur. Agt. | |
| AA | DESMOND-STEPHAN MFG. CO. George McConnell, Prop.-G. M.; C. N. Kohler, Treas.-P. A.; Henry Hentz, Fcty. Mgr.-Supt. | |
| S | ILLINOIS CAR CO. T. A. Edmondson, Gen.Supt.-Pur. Agt. | |
| D-QQ-GG | JOHNSON MFG. CO., THE. Information withheld. | |
| B-DD-II | MARVIN, W. B. MFG. CO., THE. Information withheld. | |
| B-DD-II | URBANA TOOL & DIE CO., THE Jas. K. Cheetham, Pres.; R. C. McDonald, V. Pres.-Gen. Mgr.-Pur. Agt.; Joseph K. Cheetham, Secy.-Treas.; C. H. Fowle, Ch. Engr.; O. G. McCoy, Gen. Supt. | E. Reynolds St. |

UTICA, LICKING COUNTY, OHIO

| | | |
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| DD | CREE, J. A. J. A. Cree, Prop. | |
| XX | LICKING WINDOW GLASS CO., THE. W. Harry McCann, Pres.-Gen. Mgr.; H. L. McCann, V. Pres.-Treas.; H. W. McCann, Secty.-Fcty. Mgr.-Pur. Agt. | |
| XX | UTICA GLASS CO., THE Information withheld. | |

VAN WERT, VAN WERT COUNTY, OHIO

| | | |
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| D | KENNEDY MFG. CO., THE C. F. Kennedy, Pres.-Gen. Mgr.; C. A. L. Purmort, V. Pres.; B. C. H. Harvey, Secy.; L. E. Rollo, Treas.; H. P. Shriver, Fcty. Mgr.-Pur. Agt.; L. C. Miller, Sales Mgr. | Jackson & Harrison Streets. |
| B-GGG-F | NEW ADVANCE MCHY. CO., THE. H. M. Gee, Pres.; J. W. Longwell, V. Pres.; F. W. Fraylick, Secy.-Treas.-Gen. Mgr.; R. L. Heath, Fcty. Mgr.-Pur. Agt. | |
| DD | SPAYD BROTHERS. Information withheld. | |
| H-X | VAN WERT FOUNDRY CO., THE. J. W. Longwell, Pres.; H. M. Gee, V. Pres.; W. E. Longwell, Secy.-Gen. Mgr.-P. A.; Geo. W. Kohn, Treas.; W. J. Hamman, Gen. Supt. | |

VERMILION, ERIE COUNTY, OHIO

| | | |
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| DD-E | DALL MOTOR PARTS CO., THE. L. A. Dall, Pres.-Gen. Mgr.; C. F. Decker, V. Pres.; W. D. Smith, Secy.-Treas.-P. A.; Fred Flack, Gen. Supt. | |
| D-K-E | WAKEFIELD, F. W., BRASS CO., THE. Information withheld. | |

WADSWORTH, MEDINA COUNTY, OHIO

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| K | OHIO INJECTOR CO. Information withheld. | |
| | OHIO MATCH CO., THE. Don Young, Gen. Mgr.-P. A.; C. D. Chapin, P. A.; R. Weaver, Supt. | |
| XX | WADSWORTH BRICK & TILE CO., THE. T. M. Auble, Pres.; Ira Everhard, V. P.; S. C. Durling, Secty.; J. H. Rickard, Treas.; C. C. Anderton, G. M.-P. A.; Leonard Flath, Gen. Supt.; Thomas James, M. M. | |
| H-X | WADSWORTH FDY. CO., THE C. C. Patterson, Pres.-G. M.; Ira Everhard, V. P.; John Delegrauge, Secty.; F. Burgess, Treas.-P. A. | Auble Ave. |

SAVE THRU' EMPIRE MACHINERY SERVICE

THE EMPIRE MACHINERY EXCHANGE CO.

517-519 Newman-Stern Bldg., CLEVELAND, O.

WAPAKONETA, AUGLAIZE COUNTY, OHIO

| Class | Firm and Personnel | Address |
|-------|---|---------|
| B-K | ABNER MFG. CO., THE. Information withheld. | |
| HH | KREIN CHAIN CO., THE. L. D. Round, Pres.; L. D. Cull, Secy.-Treas.; W. G. Holley, Mgr.-P. A. | |
| FF | SCHEMMEL, GEO. C. Geo. C. Schemmel, Prop. | |
| RR | STANDARD CHURN CO., THE. R. C. Haman, Pres.; S. A. Hoskins, V. Pres.; W. P. Swink, Secy.-Fcty. Mgr.-Gen. Supt.; A. A. Klipfel, Treas.; J. L. Snyder, Gen. Mgr.-Pur. Agt.; W. P. Wellington, Master Mech. | |
| MM | WAPAKONETA MACHINE CO., THE. Carl D. Fischer, Jr., Pres.-G. M.; Wm. F. Fischer, V. P.; Emil J. Fischer, Sec.-Treas.-P. A. | |

WARREN, TRUMBULL COUNTY, OHIO

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| B-L-H-DD | AETNA FDY. & MCH. CO., THE. ----- | 110 Hudson St. |
| | M. I. Arms, Pres.; Ward Vaughn, Ch. Engr.; R. J. Wean, Sales Engr.; Mrs. I. Taylor, P. A. | |
| K | AM. BLOCK & MFG. CO. ----- | Griswold Street. |
| | Math. Konold, Pres.; E. T. Ward, Gen. Mgr.-P. A.; P. B. Masters, Sec.-Treas. | |
| FF | AM. WELDING & MFG. CO. ----- | Griswold & Penn R. R. |
| | J. C. Manternach, Pres.-G. M.; T. S. Walker, Ch. Engr.-Supt. | |
| B | ARTHUR VULCANIZING MCH. CO., THE. Information withheld. | |
| A-K-II | BORDEN CO., THE ----- | Dana Ave. |
| | W. A. Neracher, Pres.; A. F. Howe, V. P.-G. M.; M. W. Bechtel, Sec.-Treas.; H. R. Williams, Asst. Sales Mgr.; A. J. Sutcliffe, P. A.; Ira W. Nonneman, Gen. Supt.; V. L. Sprague, Ch. Engr. | |
| U-GG | BRAINARD, JAS. W. STEEL CO. ----- | Perkins Rd.—M. O. Western Resv. Bldg. |
| | Jas. W. Brainard, Pres.; A. N. Martin, V. P.-G. M. P. A.; L. A. Brainard, Sales Mgr.; R. H. Baker, Supt. | |
| G-JJ | BRIER HILL STEEL CO., THE (WEST RES. WKS.) ----- | (M. O. Youngstown, O.) |
| | Jas. H. Grose, Pres.; Chas. B. Cushwa, Gen. Mgr.; Geo. R. Perkins, Asst. G. M.; C. A. Ilgenfritz, P. A.; F. T. Moran, Supt. | |
| D-S-QQ | CHIC-CLEVE. CAR ROOFING CO. ----- | Thomas Rd.—(M. O. Chicago, Ill.) |
| | R. C. Dudley (Chicago, Ill.) Pres.; E. M. Hadley (Chicago, Ill.) V. P.-P. A.; F. A. Jacobs, Supt. (Local); W. L. Martin, P. A. (Local). | |
| R | COLONIAL ELECT. WKS. OF GENERAL ELEC. CO. ----- | (M. O. Schenectady, N. Y.) |
| | Douglass Wood, Gen. Mgr. | |
| YY | DENMAN-MYERS CORD TIRE CO., THE. Walter E. Myers, Pres.; F. F. Dugan, V. Pres.; Walter R. Denman, Secy.-G. M.; John E. Morris, Treas.; Harry F. Webster, Fcty. Mgr.-Gen. Supt.; J. G. Evans, Ch. Engr.-Master Mech.; F. A. Hitchcock, Pur. Agt. | |
| H-X | ELECTRIC ALLOY STEEL CASTING CO., THE. H. L. Coxey, Pres.-Gen. Mgr.; A. T. Ranck, V. Pres.; J. S. Coxey, Jr., Secy.-Treas. | |
| FF | FEDERAL MCH. & WELDER CO., THE ----- | Dana Ave. |
| | T. H. Kane, Pres.; Z. A. McBerty, Sec.-Treas.-P. A.; F. P. McBerty, Gen. Mgr.; J. Livingston, Supt. | |
| N | FROST-SUPERIOR FENCE CO., THE ----- | Phenix Rd. |
| | R. M. Frost, G. M.; J. J. Oppman, Supt. | |
| C-S | GENERAL AMERICAN TANK CAR CORP. ----- | (M. O. Chicago, Ill.) |
| | Information withheld | |
| | GEN. FIRE EXTINGUISHER CO., THE ----- | (Ex. Office Prov., R. I.) |
| | F. H. Maynard, Pres.-G. M.; Russell Grinnell, V. Pres.; Alfred Fritzsche, Gen. Sa. Mgr.; W. A. Neracher, 2nd V. P.; C. P. Riegger, Dist. P. A.; E. S. Nesbitt, Ch. Engr. (Sprink Dept.); A. W. Moulder, Ch. Engr. Power; Wm. Weston, Shop Supt. | |
| H-X | GEN. MALLEABLE CO., THE ----- | Griswold St. |
| | M. Konold, Pres.; E. T. Ward, G. Mgr.-P. A.; P. B. Masters, Sec.-Treas.; A. L. Oakes, Supt. | |
| | GRINNEL CO. (Inc.) ----- | Dana & Paige Aves. (Ex. Office Providence, R. I.) |
| | F. H. Maynard, Pres.-G. M.; Russell Grinnell, V. Pres.; Alfred Fritzsche, Gen. Sales Mgr.; C. P. Riegger, Dist. P. A.; Wm. Weston Supt.; C. W. Heltzen, Mgr. Supply Dept. | |

WARREN, TRUMBULL COUNTY, OHIO

| Class | Firm and Personnel | Address |
|----------------|---|----------------------------|
| N-G-ZZ | HELTZEL STEEL FORM & IRON CO., THE Jno. M. Heltzel, Pres.-Treas.; F. O. Heltzel, V. P.-Supt.; W. E. Calderwood, Sec.-P. A.; W. J. Stone, Sales Mgr. | Thomas Rd. |
| G-JJ | LIBERTY STEEL CO., THE A. N. Flora, Pres.; G. A. White, V. Pres.; A. L. Button, Secy.; J. Anderson, Treas.; Walter Jones, Fcty. Mgr.; Fred Willie, Ch. Engr.; Pur. & Sales (Trumbull Steel Co.) | |
| GG-QQ | OHIO CORRUGATING CO., THE W. Manning Kerr, Pres.-Treas.; C. H. Riegel, V. Pres.; Gen. Mgr.; L. J. Voyer, Secy.-Sales Mgr.; G. A. Davis, Gen. Supt. | S. Pine & Trumbull Streets |
| R-XX | OHIO DIVISION NATL. LAMP WKS. OF GELERAL ELECT. CO. A. M. Sweeney, Gen. Mgr. | North Park & Dana Ave. |
| R | PACKARD ELECTRIC CO., THE N. A. Wolcott, Pres.-Treas.; Chas. Fillius, V. Pres.; R. E. Gorton, Secy.; P. E. Cook, Ch. Engr.; R. Marshall, Supt.; J. A. Snyder, Pur. Agt | Dana Ave. |
| R | PEERLESS ELECT. CO., THE Geo. H. Jones, Pres.; W. C. Ward, V. P.-Gen. Mgr.-Treas.; J. L. Hadley, Supt.-Ch. Engr.; L. L. Goding, Adv.-Sales. | 740 W. Market St. |
| LL | PHENIX TUBE COMPANY A. P. Alford, Pres.; A. J. Burden, V. Pres.-Gen. Mgr.; F. W. Funk, Supt. | Phenix Rd. |
| R | STANDARD TRANSFORMER COMPANY. W. F. Parker, Pres.-G. M.-P. A. | |
| D | STANDARD STEEL PROD. CO. H. E. Schuler, Prop.-G. M. | 207 2nd Natl. Bank Bldg. |
| R | SUNLIGHT ELECT. MFG. CO., THE R. B. Wick, Pres.; J. B. Estabrook, Secy.-Treas.-Gen. Mgr.; C. L. Wood, V. Pres.; L. P. Mathew, Supt.; Geo. E. Kelts, Pur. Agt. | 523 Dana Ave. |
| E | SUPREME MOTORS CORP. THE A. W. Green, Pres.-Treas. G. M.; W. O. Kaufman, P. A.-Asst. Mgr.; R. A. Wienhardt, Ch. Engr.; V. M. Smith, Supt. | Perkins Rd. |
| QQ-XX | TAYLOR, HALSEY W. CO. Halsey W. Taylor, Pres.-G. M.-P. A.; Paul Taylor, Treas.-Supt. | 522 N. Park Ave. |
| FF | TAYLOR-WELDER CO., THE G. P. Gillmer, Pres.; A. C. Taylor, V. P.-Gen. Mgr. Ch. Eng.; J. A. Ewalt, Sec.-Treas.-P. A.; Wm. Wilson, Supt. | 12 W. Atlantic St. |
| H-X | TRUMBULL BRONZE CO., THE M. A. Garvery, Pres.-G. M.-Supt. | Griswald & Penn Railroad |
| R | TRUMBULL DIV. NATL. LAMP WKS. OF GEN ELECT. CO. A. E. Mace, Gen. Mgr. | Austin & W. Market |
| H-X-F-U-R-I-BB | TRUMBULL MFG. CO., THE W. C. Pendleton, Pres.; E. A. Williams, Secy.; A. C. Pendleton, Gen. Mgr.; M. L. Derge, Supt.-Pur. Agt. | 200 S. Park Ave. |
| DD-LL | | |
| G-JJ | TRUMBULL STEEL CO., THE J. Warner, Pres.; W. G. B. Ward, V. Pres.; Phillip Wick, V. Pres.; A. N. Flora, V. Pres.; W. M. McFate, V. Pres.; A. L. Button, Secy.; J. U. Anderson, Treas.; G. A. White, Gen. Mgr.; Fred Wille, Cons. Ch. Engr.; H. G. O'Brien, Gen. Supt.; L. G. Gorman, Pur. Agt. | Pine St. |
| R | WARREN ARMATURE WORKS V. O. Allen, G. M.; C. S. Betticker, Supt.; J. R. Hines, Sec.-Treas. | 500 W. Market St. |
| C-EE | WARREN BOILER & WELDING CO. Information withheld. | |
| C | WARREN CITY TANK & BOILER CO., THE A. R. Hughes, Pres.-G. M.; W. J. Edwards, V. Pres.; B. W. Edwards, Secty.; J. F. Patterson, Ch. Engr.; D. J. O'Rourke, Supt.; J. D. Edwards, P. A. | Griswald St. |
| G-JJ-RR | WARREN IRON & STEEL CO., THE C. B. Loveless, Pres.-G. M.; L. L. Jones, Sec.-Treas.; I. H. Price, Supt. | Dana & Paige Aves. |
| | WARREN METALLIC BED CO., THE E. Bresovitz, Pres.-G. M.; J. M. Gerken, P. A.; Louis Bresovitz, Supt. | Phenix Rd. |
| DD | WARREN MOTOR TRUCK CO., THE R. B. Wick, Pres.; F. F. Chamberlin, G. M.-Sec.-Treas.; D. M. Bell, Supt. | Dana Ave. |
| F | WARREN PATTERN WKS. Information withheld. | |

WARREN, TRUMBULL COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| D | WARREN STAMPING CO. G. T. Fillius, Pres.; F. A. Iddings, Sec.-Treas.-P. A.; J. H. Cummings, 2nd V. P. | N. Logan Ave. |
| M-S | WARREN TOOL & FORGE CO., THE J. D. Robertson, Pres.; M. J. Konold, V. P.; Geo. Konold, Sr., G. M.-T. P. A.; Geo. F. Konold, Jr., Secty.; Jno. Konold, Supt. | Griswald and Penn. R. R.—Also Pittsburgh, Pa. |
| EE-GG | WARREN WELDING CO. O. L. Harris, Geo. Thomas, Props. | 25 Dana Ave. |
| FF | WINFIELD ELECT. WELD. MCH. CO., THE W. C. Winfield, Pres.; R. A. Cobb, V. P.; J. H. Ewalt, Sec.-Treas.-P. A.; A. C. Taylor, G. M.-Supt. Ch. Eng. | 12 W. Atlantic St. |
| D-QQ | WINFIELD MFG. CO. W. C. Winfield, Pres.-Supt.; A. C. Taylor, V. P. Supt.; J. H. Ewalt, P. A. | 12 W. Atlantic St. |
| GG-D | YOUNGSTOWN PRESSED STEEL CO., THE W. W. Galbreath, Pres.; A. J. Watson, Sec.-Treas.; E. G. Morrison, Gen. Mgr.; J. A. Stannitz, Ch. Engr.; J. W. Farrell, P. A.; H. C. Barnett, Supt. | Erie R. R. (Tracks) |

WASHINGTON C. H., FAYETTE COUNTY, OHIO

| | | |
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| | COFFMAN MFG. CO., THE Information withheld. | |
| H-X | WASHINGTON METAL PRODUCTS CO., THE Information withheld. | |

WAUSEON, FULTON COUNTY, OHIO

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| E | AUTOMOTIVE BODY CO. W. D. Van Resselaner, Receiver. | |
| H-X | U. S. MALLEABLE IRON CO., THE Information withheld. | See Toledo, O. |

WAYNESBURG, STARK COUNTY, OHIO

| | | |
|--|---|---------------------|
| | NATIONAL FIREPROOFING CO., THE Information withheld. | See Pittsburgh, Pa. |
| | WHITACRE-GREER FIREPROOFING CO., THE J. J. Whitacre, Pres.; S. P. Robertson, V. P.; L. D. S. Klotz, Secty.; A. C. Estep, Treas.; J. B. Whitacre, G. M.-Engr.-Supt.; C. Baker, P. A. | |

WELLINGTON, LORAIN COUNTY, OHIO

| | | |
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| E | SHARP SPARK PLUG CO., THE J. F. Johnson, Pres.; R. E. Clisby, V. P.; F. D. Johnson, Sec.-Treas.-G. M.-P. A.; F. C. Walsh, Fcty. Mgr.-Ch. Engr. | |
| D-DD | STERLING MCH. & STAMPING CO., THE R. E. Clisby, Pres.-G. M.; V. W. Clisby, Secty.-P. A.; A. W. McHenry, Supt. | |
| TT | WELLINGTON MCH. CO., THE R. C. Bennett, Gen. Supt. | |

WELLSTON, JACKSON COUNTY, OHIO

| | | |
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| G | MILTON IRON CO., THE Information withheld. | |
| B | MORROW MFG. CO., THE Information withheld. | |
| G | WELLSTON IRON FURNACE CO., THE Information withheld. | Br. Jackson, Ohio |
| H-X | WELLSTON MFG. CO., THE Information withheld. | |

WELLSVILLE, COLUMBIANA COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| H-X | STEVENSON COMPANY, THE. W. G. Stevenson, Pres.; A. T. Abbott, V. P.; Thos. A. Hibbins, Bus. Mgr. Sales; L. G. Aughinbaugh, P. A.; A. McCombs, Engr. | |
| C | WHITACRE BOILER CO. Francis Whitacre, Prop.; E. G. Whitacre, G. M. | Commerce & Lisbon Sts. |
| XX | WOOSTER FIRE CLAY CO. Henry Wooster, Prop. | 2501 Buckeye Ave. |

WEST LAFAYETTE, COSHOCTON COUNTY, OHIO

| | | |
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| K | JEWEL GAS IRON CO. Information withheld. | |
| D | LAFAYETTE STAMPING & ENAMELING CO., THE. Dr. H. R. McCurdy, Pres.; F. E. Jones, V. P.-Treas.-G. M.-Supt.; F. S. Davidson, Secty.; H. Boyer, P. A.; F. E. Jones, Sales Mgr. | |
| D | WEST LAFAYETTE MFG. CO., THE. John M. Kirk, Pres.; Fred R. Klein, V. P.-Treas.; Lucian Shaw, Secty.-P. A.; W. T. Naragon, G. M.; John Bender, M. M. | |

WESTERVILLE, FRANKLIN COUNTY, OHIO

| | | |
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| H-X | HANCE, J. W. FOUNDRY CO. H. T. Hance, Prop. | E. Broadway |
| H-X | KILGORE MFG. CO., THE. Information withheld. | |

WICKLIFFE, LAKE COUNTY, OHIO

| | | |
|--------|--|-------------------------------|
| AAA | CLARKE CHEMICAL CO., THE. Information withheld. | |
| G | CLEVE. BRASS & COPPER MILLS, INC. W. P. Prince, G. M.; W. A. McGrain, Ch. Engr.; H. Dinneen, Supt.; G. H. Sharp, P. A. | Babbit Rd. |
| P-CC | CLEVE. CRANE & ENGINEERING CO., THE. W. D. Sayle, Pres.; W. C. Sayle, V. P.; C. C. Robbins, Secty.; A. C. Garnett, Treas.-P. A.; W. C. Heinle, Ch. Engr.; J. B. Shaver, Sales Mgr.; E. T. Bennington, Sales Engr.; D. T. Lavlin, Sales Rep.; Wm. G. Wehr, Gen. Supt.-M. M. H. Karr, Asst. P. A.; Geo. Florence, Prod. Mgr. | |
| P-CC-Z | CLEVE. ELECT. TRAMRAIL CO., THE. E. T. Bennington, G. M.; W. C. Heimle, Ch. Engr.; Wm. G. Wehr, Supt.; A. C. Barnett, P. A.-Treas. | Div. Cleve. Crane & Engr. Co. |
| S | STEEL CAR CO., THE. E. M. Joycé, G. M.-P. A.; J. C. Kerber, Supt. | Main Office, Hammond, Ind. |

WILLARD, HURON COUNTY, OHIO

| | | |
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| YY | PIONEER RUBBER CO., THE. Burt G. Smith, Pres.-Treas.; J. C. Gibson, V. Pres.; R. K. Williams, Secy.; R. H. Coovert, Gen. Supt. | |
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WILLOUGHBY, LAKE COUNTY, OHIO

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| YY | BUCKEYE RUBBER PROD. CO. C. H. Roth, Pres.-G. M.; Webster Norris, V. P.; J. M. Mackay, Secty.; Wm. E. Marks, Treas.; L. D. Hughes, P. A.; E. L. Stimson, Fcty. Mgr.; Herman Koelliker, Gen. Supt. | |
| B-DD | ECONOMY ENGINEERING CO., THE. F. O. Andrews, Pres.-G. M.-P. A.; James H. Smart, Sec.-Treas.; R. A. Walters, Ch. Engr.; Frank Trenn, Gen. Supt. | |
| B-H-X-CC-TT DD | HADFIELD-PENFIELD STEEL CO., THE. L. W. Penfield, V. Pres.-Treas.; W. S. Stothoff, Fcty. Mgr.; R. B. Stuckey, Ch. Engr.; F. J. King, Prod. Mgr.; F. A. Ierlan, Gen. Supt.; J. A. Penfield, Asst. Pur. Agt. | Mentor Ave. |

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WILLOUGHBY, LAKE COUNTY, OHIO

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WILMINGTON, CLINTON COUNTY, OHIO

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| OO | AU-TO COMPRESSOR CO., THE. J. W. Lawhead, Pres.; R. L. Owens, Secy.; M. R. Dinver, Treas. | |
| ZZ | CHAMPION BRIDGE CO., THE. A. C. Briggs, Pres.-R. L. Owens, Secy.-Treas. | |
| | FARQUHAR FURNACE CO., THE. J. R. Clevenger, Pres.; R. B. Monfort, Secy.; E. J. Hiatt, Treas. | |
| RR | HUNNICUTT, CHARLES CO. Information withheld. | |
| II-KK | IRWIN AUGER BIT CO., THE M. R. Denver, Pres.; J. R. Clevenger, V. P.; S. A. Mitchell, Secty.-G. M.-P. A.; E. J. Hiatt, Treas.; Chas. Robinson, Ch. Engr.; Dell Lacy, Fcty. Mgr.; Frank Taylor, Prod. Mgr.; Ben Daulton, Gen. Supt.; John Cummins, M. M. | Grant St. |
| AA | TURNBULL MFG. CO., THE. J. W. Lawhead, Pres.; R. C. Lawhead, Secy.-Treas. | |
| H-X | WILMINGTON CASTING CO., THE. P. S. Horton, Pres.-Gen. Mgr.; J. F. Goebel, V. Pres.-Gen. Supt.; E. R. Bales, Sec.-Treas. | |

WOOSTER, WAYNE COUNTY, OHIO

| | | |
|--------|--|-------------|
| K | AKRON BRASS MFG. CO., THE. O. H. Larwill, Pres.; Max Bloomberg, V. P.; J. C. Schellin, Secty.-P. A.; Guy Richards, Treas.; H. Hunt, Gen. Supt.; Chas. Lange, Prod. Mgr. | |
| D | BUCKEYE ALUMINUM CO., THE. G. W. Blake, Pres.-G. M.; R. S. Blake, Secty.-P. A.; A. L. Brown, Supt. | |
| C | BUCKEYE BOILER WKS. Chas. McCann, Pres.; Karl Saltsman, Secty.-P. A.; C. P. Valley, Treas.-Gen. Supt. | Nolle Bldg. |
| DD | HARROLD MCH. CO., THE H. H. Harrold, Prop. Supt. | Grant St. |
| D-E | PNEUMATIC DISC WHEEL CO., THE. New company. Information not obtained. | |
| VV | SUCCESS DISH WASHING MCH. CO., THE Frank Blough, Pres.; Harry McClarran, V. P.; H. S. Palmer, Sec.-Treas.-P. A.-G. M. | Cushman St. |
| B-DD-T | WOODARD MACH. CO., THE. L. A. Woodard, Pres.-G. M.; H. B. Hatton, Sec.-Treas.; H. H. Talbot, Ch. Engr.; C. A. Reese, P. A.; R. A. Snyder, Supt. | |
| | WOOSTER BRUSH CO., THE. W. D. Foss, Pres.; D. J. Foss, V. P.-G. M.-P. A.; E. Shibley, Secty.; C. P. Foss, Treas.-Sales Mgr.; W. R. Foss, Ch. Engr.-Prod.; S. I. MacFarland, M. M.-Supt. | |

XENIA, GREENE COUNTY, OHIO

| | | |
|--------|--|---------------|
| | HOOVEN & ALLISON CO., THE. J. D. Steele, Pres.; J. F. Orr, Secy.; Geo. E. Hudson, Treas.; C. E. Haver, Ch. Engr.; A. L. Regan, Gen. Supt.; E. L. Clayton, Pur. Agt. | |
| A-B | KELLY, R. A. CO., THE Geo. R. Kelly, Pres.; J. W. Santmyer, Secy.-Treas. | W. Market St. |
| H-X-DD | XENIA FDY. & MACH. CO., THE. Information withheld. | |

Main Office and Showroom: 717 LAKESIDE AVE. N.W.

YOUNGSTOWN, MAHONING COUNTY, OHIO

| Class | Firm and Personnel | Address |
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| F | AMERICAN PATTERN MFG. CO., THE Wm. J. Hull, Pres.; F. E. Otterman, Sec.-Treas. | 2200 Wilson Ave. |
| BB-CCC | AMERICAN SINTERING CO. F. W. Yost, Dist. Mgr. | Home Sav. & Loan Bldg.—(Br. Chicago, Ill.) |
| R | BANNER ELECT. WKS. OF GENERAL ELEC. CO. F. C. Kirchner, Mgr.; A. L. Thompson, M. M. | 617 William St.—(See Cleveland, O.) |
| DD | BELMONT GEN MCH. CO. Pat Gorman, Prop.-Supt.; Geo. Morrison, Prop. | 817 Marshall St. |
| G-JJ | BRIER HILL STEEL CO., THE Jas. H. Grose, Pres.; Chas. B. Cushwa, Gen. Mgr.; C. A. Ilgenfritz, P. A. | M. O. Stambaugh Bldg.—also Cleveland, O. |
| BB-QQ-K | BUILDERS STEEL PRODUCTS CO. R. N. Pretsch, Sales Mgr. | Park Theater Bldg. |
| G-JJ | CARNEGIE STEEL CO., THE I. L. Hughes, G. M.; F. E. Kling, Ch. Engr.; C. R. Miller, P. A. (Pittsburgh, Pa.) | 912 Salt Spring St.—(Br. Pittsburgh, Pa.) |
| BB-I | COLONIAL SUPPLY CO. Wm. Harris, Dist. G. M. | 507 Stambaugh Bldg. (M. O. Pittsburgh, Pa.) |
| D | COMM. SHEARING AND STAMPING CO., THE Robt. Carmick, Pres.; G. F. Danielson, Wks. Mgr.-P. A.; R. V. Proctor, M. M.-Wks. Engr.; G. C. Tinsley, V. P.-Gen. Sales Mgr. | Wks. 1775 Logan Ave.—M. O. 113 Oak Hill Ave. |
| D-QQ | DURKEE MFG. CO., THE George Durkee, Pres.-Treas.-G. M.; H. A. Walters, V. Pres. Sec.-Treas.-P. A. | 17 Sycamore St. |
| G-JJ | ELECTRIC ALLOY STEEL CO. L. J. Campbell, Pres.; A. E. Adams, V. Pres.; W. D. Myers, Secy.-Treas.; G. W. Morrison, Fcty. Mgr.; G. W. Knight, Ch. Engr.-Master Mech.; L. H. Bittner, Pur. Agt. | |
| DD | ERB, C. F. CO. C. F. Erb, Prop.-G. M.-Supt.-P. A. | 722 Madison Ave. |
| H-X | FALCON BRONZE CO. G. A. Doeright, Pres.-G. M. | 220 S. Phelps St. |
| G-LL | FITZSIMMONS CO., THE T. G. Fitzsimmons, Sr.; Chas. Johnson, M. M.; J. F. Fitzsimmons, Treas.; Thos. G. Fitzsimmons, Jr., Supt.; R. E. Fitzsimmons, G. M.-P. A. | 1631 Wilson Ave. |
| G-QQ | GEN. FIREPROOFING CO., THE W. H. Foster, Pres.; S. S. French, V. P.-G. M.; W. C. Coryell, Ch. Eng.; J. A. Hall, Supt.; C. Y. Farrell, P. A. | Erie Track & Elm. St. |
| ZZ | HOGAN STEEL CONST. CO., THE. Information withheld. | |
| E | INDEPENDENT MOTOR CORP. CO., THE A. W. Frantz, V. P.; Jno. Voorhis, Supt. | 1636 Wilson Ave. |
| D | KAUFMAN WALTERS & CO. Information withheld. | |
| F | LIBERTY PATTERN WORKS. Information withheld. | |
| EE | LIBERTY WELDING & BRAZING CO. Information withheld. | |
| H-X-K | LUMEN BEARING CO., INC. W. H. Barr, Pres.-Treas.; C. H. Bierbaum, V. P.; N. K. B. Patch, Secty.; Kester Barr, Mgr.; W. E. Warner, Gen. Supt.; L. M. Nesselbush, P. A. | Poland & Powersdale Aves. |
| BB-PP | MCCARTNEY MCHY. CO., THE. E. E. McCartney, Pres.-G. M. | |
| DD-B | McKAY, GEO. G. Geo. G. McKay, Prop.-Supt. | 546 W. Rayen Ave. |
| H-X | MAHONING FOUNDRY CO., THE. Information withheld. | |
| D-QQ | METAL PRODUCTS CO., THE. S. H. Weinreich, Pres.; A. M. Frankle, V. Pres.; F. S. Ullman, Secy.-Treas.-G. M.-P. A. J. H. Frankle, Fcty. Mgr.; E. Hughes, Gen. Supt. | |
| G-JJ | NEWTON STEEL CO., THE Information withheld. | Also Newton Falls, O. |
| B-DD | PERRY, F. W. MACHINE CO., THE F. W. Perry, Pres.-G. M.; I. Sussman, Secty.; Eugene Crow, Treas. | 240 Belmont Ave. |

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YOUNGSTOWN, MAHONING COUNTY, OHIO

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| G-QQ | RAYMOND CONCRETE PILE CO. Thos. L. Hughes, Supt. | Box 304 Andrews Ave.—(M. O. N. Y. City.) |
| | RELIANCE WHEEL CO., THE. Information withheld. | |
| G-JJ | REPUBLIC IRON & STEEL CO., THE. J. W. Deetrick, 2nd V. P.; Ralph Prall, Gen. Mgr.; S. H. McKee, Ch. Eng.; Peter Gordon, Supt.; F. H. Hedges, P. A. | 335 Market St. |
| YY | REPUBLIC RUBBER CORP. THE. J. Kent, V. P.-Wks. Mgr.; C. F. Garrison, Gen. Mgr.; C. H. Zieme, Tech. Supt.; L. A. Watts, P. A. | Albert St. |
| DD-II | RICHARDS, JOHN. John Richards, Prop. | |
| U | SAFETY BOLT CO., THE. Information withheld. | |
| GG | SHARON STEEL HOOP CO. D. R. Fithian, Wks. Mgr.; A. D. Troth, P. A. | Wilson Ave.—(M. O. Sharon, Pa.) |
| BB-G-JJ | SHEET METAL MFG. CO., THE. Thos. E. Farrell, Pres.-G. M.-P. A.; C. D. Watson, V. P.; J. J. Farrell, Sec.-Treas. | City Limits—(Wks. Canton, O.) |
| DD | SMITH, F. B. CO. F. B. Smith, Pres.-G. M.; Fred A. Simmons, Supt. | 46 Pyatt St. |
| BB-I | STANDARD SUPP. & EQUIP. CO. Frank, J. Bowers, Dist. Mgr. | 2nd Floor Park Theater Bldg. (M. O. & Warehouse, Pittsburgh, Pa.) |
| | STANDARD TEXTILE PROD. CO., THE. D. O. Allen, G. M.; Jno. Heinl, Supt.; C. D. Woodruff, M. M.-Engr.; Henry Pope, P. A. | Box 507—(M. O. New York City) |
| V | STANDARD TRACTOR CONTROL CO., THE. W. H. Kilcawley, Pres.; M. L. Cline, V. Pres.; W. E. Bliss, Secy.-Treas.; H. R. Hooper, Sales Mgr.; R. D. Cline, Pur. Agt. | |
| EE-DD | STEEL CITY WELDING & GEN. REPAIR. Jos. Sampsel, Prop. | 507 Market St. |
| | STEELDUCT CO., THE. Information withheld. | |
| F | STEEL VALLEY PATTERN WKS. Information withheld. | |
| H-X-GGG | TRUMAN, A. L. & SON. Information withheld. | |
| G-QQ | TRUSCON STEEL CO., THE. Julius Kahn, Pres.-Gen. Mgr.; T. H. Kane, V. Pres.-Fcty. Mgr.; W. F. Gutherie, V. Pres.; Gustave Kahn, V. Pres.; W. J. T. Davis, Comptroller; O. W. Chaffee, Asst. Treas.; H. E. White, Ch. Engr.-M. M.; F. H. Smith, Pur. Agt.; C. E. Bagnall, Asst. Pur. Agt. | |
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| B | WAGENHORST, J. H. & CO. E. G. Perkins, Secty.-G. M. | 512 Andrews St. |
| R-DD | WILKERSON ELECTRIC & MACHINE CO., THE. Information withheld. | |
| BB-JJ | WILKOFF CO., THE. I. Wilkoff, G. M.; A. B. Cooper, Asst. Sales Mgr.; P. P. Brown, Sales Mgr. | 1609 Wilson Ave. |
| B | WIZARD MFG. CO., THE. Information withheld. | |
| DD | Y. M. C. A. TRADE SCHOOL. L. R. Hendricks, Asst. Supt. (Auto Rep.) G. E. Frease, Supt. Mch.; J. H. Service, Dean-P. A. | 26 E. Rayen Ave. |
| C-ZZ | YOUNGSTOWN BOILER & TANK CO., THE. Jas. P. Keen, Pres.; R. I. Ingalls, V. P.; C. R. Vogel, Sec.-Treas. | Office 1054 Mahoning Avenue. |
| M-DD | YOUNGSTOWN CITY FORGE CO. Information withheld. | |

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YOUNGSTOWN, MAHONING COUNTY, OHIO

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| | YOUNGSTOWN FURNACE CO., THE. Information withheld. | |
| R | YOUNGSTOWN MAZDA LAMP WKS. OF GEN. ELEC. CO. 617 William St.—(Br. Schenectady, N. Y.) F. C. Kirchner, G. M.-Supt.; A. L. Thompson; G. C. Murberger, P. A. | |
| F | YOUNGSTOWN PATTERN CO., THE. Information withheld. | |
| G-JJ-LL | YOUNGSTOWN SHEET & TUBE CO., THE J. A. Campbell, Pres.; C. S. Robinson, V. P.-G. M.; W. C. Reiley, Gen. Supt.; A. J. Boehme, Ch. Engr.; G. E. Mirfield, Eff. Engr.; E. G. Murray, P. A.; W. H. Steel, Asst. P. A. | Stambaugh Blvd. |
| B | YOUNGSTOWN SHRINKING MACHINE CO., THE. Information withheld. | |
| ZZ | YOUNGSTOWN STRUCTURAL STEEL CO., THE. Information withheld. | |
| N-QQ | YOUNGSTOWN WIRE AND IRON CO., THE J. M. Moderalta, Pres.; G. C. Chirichigno, G. M.-P. A.; Frank J. Bowers, Dir. of Sales; M. C. Giorgio, Supt. | Sycamore & Andrews Aves. |
| EE | YOUNGSTOWN WELDING CO., THE W. D. McKay, Pres.-G. M.-Supt. | 536 W. Rayen Ave. |

ZANESVILLE, MUSKINGUM COUNTY, OHIO

| | | |
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| XX | AMERICAN ENCAUSTIC ENTILING CO. W. McCoy, Ch. Engr.; H. D. Lillibridge, Supt. | |
| G-JJ | AMERICAN ROLLING MILL CO., THE. A. F. Murphy, Gen. Supt. | |
| RR | BROWN MFG. CO., THE. D. W. Dawning, Gen. Supt. | |
| DD-C | COLUMBIA MACHINE CO., THE W. D. Haehnlen, Pres.-G. M.-Fcty. Mgr.-P. A.; W. H. Haehnlen, Secy.-Treas. | 24 Eighth |
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| E | KIMBLE, K. A. COMPANY K. A. Kimble, Prop. | 321 Market St. |
| LL | MARK MFG. CO., THE. P. C. Mark, G. M.-Ch. Engr.-P. A.; F. T. Ellis, Wks. Mgr.; J. E. Cunningham, Supt. | |
| XX | OHIO POTTERY CO., THE. C. D. Fraunfelter, Pres. G. M.; H. A. Ernst, V. Pres.; G. E. Fraunfelter, Secy.; H. R. Geyer, Treas. | |
| BB-I | ROCKEL CO., THE. Henry Rockel, Pres. G. M.; Julia Clarke, V. P.; C. I. Schooley, S. T.; Alfred Miedel, P. A.; Homer J. Dickson, Asst. P. A. | |
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| H-X | ZANESVILLE MALLEABLE CO., THE Frank Moore, Pres.; J. B. Coates, V. Pres.; P. A. Kern, Secy.-Treas.; W. F. Fuchs, Gen. Supt. | South End Moxahala Ave. |
| B-L-DD | ZANESVILLE ENGR. & REFRIG. CO. Jno. F. Brown, Pres.-Treas.-Gen. Supt.; Louis H. Wise, V. P.-P. A.; C. W. Albertson, Sec.-G. M.-Fcty.; A. A. Dockray, Prod. Mgr.-M. M. | |

Limitations of space, as well as our intimate responsibility to our patrons, has enforced on us the adoption of a highly selective policy governing admission to our advertising columns. We are in a position, therefore to recommend our advertisers, listed here, as entirely worthy of your confidence and consideration.

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